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ABSTRACT

Information on 417 occupations is provided in this book. Introductory materials describe Florida Vital Information for Education and Work (VIEW), a complete system of career, education, and financial aid information; printed information and additional support materials; and use of this book. Four indexes appear first. The interest/occupational title index is an alphabetical listing of the occupations with cross-references to the Dictionary of Occupational Titles (DOT), Standard Occupational Classification (SOC), VIEW Interest Survey Career Fields, Worker Trait Group (WTG) as used in the Guide for Occupational Exploration (GOE), and John Holland's Self-Directed Search Codes (SDS). The Career Field Index is for students to use to match their answers to the VIEW Interest Inventory. The Occupation/Program Index lists alphabetically occupations and programs of study that offer training. The WTG Index lists WTG number and title with a description of the interest area and VIEW occupations that fall in a particular interest area. Career information follows. Each occupation has a full page of information that lists the following: SOC number; DOT number; GOE interest area; description; environment; location and hours of work; physical demands; primary physical activities; DOT classification indicating level of skill required to relate to data, people, and things; Holland types; aptitudes; interests; temperaments; industries that employ this occupation; similar occupations; programs of study; education level; average beginning wage; and future outlook. (YLB)

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# FLORIDA

## 1992-94

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## Careers

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Florida VIEW is developed by the Bureau of Career Development and Educational Improvement, Division of Vocational, Adult, and Community Education, Florida Department of Education. For more information concerning Florida VIEW contact the Bureau at the following address:

Bureau of Career Development and Educational Improvement
Florida Education Center
Tallahassee, Florida 32399-0400
904/488-0400, SUNCOM 278-0400
1-800-342-9271

# Florida VIEW
## Vital Information for Education and Work

Florida VIEW offers a complete system of career, education and financial aid information. The specific information is provided in book format with additional support materials.

### VIEW Careers

VIEW Careers has information on over 400 occupations. Each occupation has a full page of information detailing specifics on that occupation. This information includes:

- job duties
- working conditions
- hours of work
- primary physical activities
- aptitudes
- holland types
- wage information
- training required
- and MORE

### The Postsecondary Directory

The Postsecondary Directory lists over 700 postsecondary institutions in Florida. It includes information on public vocational-technical centers, community colleges, universities, private trade schools and private universities and colleges. This information includes:

- school location
- campus description
- school admission policy
- tuition costs
- programs of study
- and MORE

### The Financial Aid Book

The Financial Aid Book is a listing of over 1,600 sources of postsecondary financial assistance. The financial assistance comes in the form of grants, loans, scholarships, and student employment. Each award listing has a description of the award that includes:

- requirements for academic achievement
- requirements for special talents or abilities
- handicaps and attendance requirements
- programs of study required (major)
- contact information
- institutions offering the award
- and MORE

**Support Materials**

The **VIEW Interest Survey** lists 133 questions which help students match their interests to career fields. Students can very quickly score the inventory for results.

The **VIEW Careerbook** is an in-depth activity workbook. It may be used in the classroom or with individuals to assist in developing self-awareness and aid in the decision-making process. It also provides activities for exploring the VIEW Career information and comparing the student Self-Awareness Profile with a Career Awareness Profile to determine a good match of future occupations.

## Using the Florida VIEW Careers

There are 4 indices included in this book. They are:

- Interest/Occupational Title Index - An alphabetical listing of the occupations with cross references to the Dictionary of Occupational Titles (D.O.T.), Standard Occupational Classification (SOC), VIEW Interest Survey Career Fields (INT), Worker Trait Group as used in the Guide for Occupational Exploration (WTG), and John Holland's Self Directed Search Codes (SDS).

- Career Field Index - After taking the VIEW Interest inventory, students' responses will determine which career fields match their answers. The Career Fields are identified by a 3-letter code. Students can use this index to identify occupations in their top three career fields.

- Occupation/Program Index - An alphabetical listing of occupations and programs of study that offer training.

- Worker Trait Group (WTG) Index - The Worker Trait Group number and title is listed followed by a description of the interest area. VIEW occupations falling in a particular interest area are listed.

All indices are page-numbered (1-76). Each VIEW occupation is numbered beginning with VIEW number 1 and ending with VIEW number 417.

# Florida VIEW Career Topic Areas

Description
This topic is a brief overview of the occupation, which includes job duties and responsibilities. It may also include related education programs, employers needing these occupations and a contact for more information.

The Environment
This topic is the conditions of the surroundings, while working in the occupation. This includes exposure to cold, heat, humidity, noise/vibration, hazards of bodily injury, or dust/fumes.

Location and Hours of Work
This topic describes the location or setting of the occupation; whether it is inside, outside, or both. It also includes the hours of work involved with the job; for example, irregular hours, weekend work, overtime, etc.

Physical Demands
This topic deals with the strength needed for a normal day's work.

Primary Physical Activities
This topic includes activities necessary to perform job duties, such as standing, sitting, pushing, climbing, etc.

Will I Fit In? (Dictionary of Occupational Titles)
This DOT classification was compiled by the Department of Labor to indicate the level of skill required to relate to data, people, and things on the job.

Holland Types
This topic shows six personality types: Realistic, Investigative, Artistic, Social, Enterprising, and Conventional. Holland's theory is that a person is likely to have a successful work experience when there is a good fit between personality type and work environment.

Aptitudes
Aptitudes are a person's ability to learn different skills. They are not based on what you already know. Aptitudes are ratings that try to tell how quickly and easily you learn. Aptitudes are rated on a scale of 1-5. See below:

- Level 1 Top 10% (high)
- Level 2 Top 1/3 (above average)
- Level 3 Middle 1/3 (average)
- Level 4 Bottom 1/3 (below average)
- Level 5 Bottom 10% (low)

Each VIEW occupation will list the aptitude factor along with a rating (1-5).

Interests
This topic involves an individual's likes and dislikes for different activities. If the interests of an individual match the work of an occupation, the individual will be more satisfied.

Temperaments
This topic lists the personality characteristics related to a person's ability to adapt to a job. People who can easily adapt to their work situations enjoy their work more.

This occupation is most often found in:
This topic lists the industries that employ most of the persons in that occupation.

Similar Occupations
This topic lists other occupations that have some of the same kinds of interests, activities and duties.

Programs of Study
This topic lists programs of study (majors) that prepare individuals for the occupation.

Education Level
This topic includes the amount of education/training necessary for the job.

Average Beginning Wage
The annual and hourly salary ranges of the occupation.

Future Outlook
This topic shows the Department of Labor's estimated number of people who will actually be employed in that occupation in 1993 and 1998. The average annual number of openings is an average that takes employee turnover into account and the trend shows the percent change in the 1993 to 1998 period of time.

# FLORIDA'S REGISTERED APPRENTICESHIP TRAINING PROGRAMS

There are currently about 880 occupations that can be learned through Registered Apprenticeship Training programs. Florida presently has 160 trades that can be apprenticed. These occupations include: Carpenter, Fire Fighter, Emergency Medical Technician, Diesel Mechanic, Glazier, Machinist, Office Machine Servicer, Pipefitter, Air Conditioning/Refrigeration Mechanic, Shipwright, Web Press Operator and many others. Apprenticeship training is a way of earning a good wage while learning a specialized trade.

This system of training couples on-the-job experience with related classroom instruction to produce a highly skilled tradesperson. The typical apprentice works during the day with a journeyman and goes to class or studies related subjects for several nights a week for a period of one to five years. At the end of their training, the apprentice receives a certificate of completion and may then become a certified journeyman.

In Florida, these registered apprenticeship programs may be set up and financed in many ways. For example, programs may be administered through a labor-management committee, a local association, a large corporation, or a small business.

To become a registered apprentice, you must be 16 or older, have a high school education or its equivalent, pass an aptitude test, and in those programs with 5 or more apprentices undergo a committee interview. In most trades, there are many young people who want to become apprentices. The apprenticeship committee of each program will select those who are most qualified.

The new apprentices sign agreements which give the length of their apprenticeship and other information. As these apprentices learn through their programs and develop their skills, their progress is periodically reviewed. This review occurs every six months, and results in a pay increase if the apprentice is gaining experience and knowledge at an acceptable pace. When their program is completed, they are certified by the Florida Bureau of Apprenticeship.

Information is available through the local office of the Florida State Bureau of Apprenticeship.

For more information about Florida's Registered Apprenticeship Programs, you can talk with your guidance counselor or occupational specialist.

**Central Office/Tallahassee**
Bill Harris, Bureau Chief
Joseph M. Stephens, Jr.
1320 Executive Center Drive
Room 211, Atkins Building
Tallahassee, FL 32399-0669
Phone: Local (904) 488-8332
SUNCOM 278-8332

**Miami**
Thomas Flynn
Hoyt Simons
Hollywood Job Service Office
4205 Hollywood Blvd
Hollywood, FL 33021-6632
Phone: Local (305) 985-4450
SUNCOM 473-4450

**Orlando**
William E. Livengood
Marvin Woodard
8434 Avenue C, Building 126
McCoy Airforce Base
Orlando, FL 32812
Phone: Local (407) 856-6560
SUNCOM 358-6560

**Tampa**
Felix Gordillo
John Goins
200 N. Westshore Blvd, Suite 390
Tampa, FL 33609
Phone: Local (813) 873-4778
SUNCOM 542-4778

**St. Petersburg**
Billy Lemus
St. Petersburg Job Service
525 Mirror Lake Dr., Room 219
St. Petersburg, FL 33733-3129
Phone: Local (813) 893-2255
SUNCOM 594-2255

**Jacksonville**
William Lauver
215 Market Street, Suite 300
Jacksonville, FL 32202
Phone: Local (904) 798-4780 x. 157
SUNCOM 826-4780 x. 157

**Ft. Myers**
Robert W. Louden
4350 Fowler Street, Suite 16
Ft. Myers, FL 33901
Phone: Local (813) 278-7148
SUNCOM 729-7148

## USING THE INTEREST/OCCUPATIONAL TITLE INDEX

**VIEW NO.**
Once you locate an occupation, use this number to help you find information on that occupation.

**VIEW TITLE**
All career titles are listed alphabetically.

**D.O.T. CODE**
Dictionary of Occupational Titles - All occupations are assigned a number from the U.S. Department of Labor. Most career materials use this code in relation to occupational titles and descriptions. The U.S. Department of Labor has done extensive research classifying how data, people, and skills are required by jobs in our country.

**S.O.C. CODE**
Standard Occupational Classification - All occupations are assigned a number from the U.S. Department of Commerce, Office of Federal statistical Policy and Standards. These codes are from the 1980 Standard Occupational Classification Manual. This is used in CHOICES and other products.

**VIEW INTEREST SURVEY**
Each occupation is grouped into a Career Field according to the industry, job duties, and other characteristics. Each Occupation/career field is assigned a three-letter code. The Career Fields are as follows:
AMB - Administration, Management and Business
ESA - Engineers, Surveyors and Architects
NSM - Natural Scientists and Mathematicians
SLR - Social Scientists, Lawyers, Judges and Religious Workers
TLC - Teachers, Librarians and Counselors
HDT - Health Diagnosing and Treating Professionals
NPD - Registered Nurses, Pharmacists, Dieticians and Therapists
WAE - Writers, Artists, Entertainers and Athletes
HTT - Health Technologists and Technicians
TTE - Technologists and Technicians (Except Health)
MAS - Marketing and Sales Occupations
CLE - Clerical Occupations
SRV - Service Occupations
AFH - Agriculture, Forestry, Fishers and Hunters
MCR - Mechanics and Repairers
CMD - Construction, Mining and Drilling
PWM - Production Workers and Machine Operators
TMM - Transportation and Material Moving Occupations
MHE - Material Handlers and Equipment Cleaners

**WTG**
Worker Trait Group - The occupations in this Index are coded to the 66 Worker trait Groups based on the Guide for Occupational Exploration.

**SDS**
Holland's Self-Directed-Search - An interest survey that has the occupations coded to six categories. They are:
A - Artistic
I - Investigative
R - Realistic
C - Conventional
E - Enterprising
S - Social

## INTEREST/OCCUPATIONAL TITLE INDEX

| NO. | VIEW TITLE | D.O.T. Code | SOC Code | INT | WTG | SDS |
|---|---|---|---|---|---|---|
| 1. | Accountant or Auditor | 160.167-010 | 1412-100 | AMB | 11.06 | ICR |
| 2. | Actuary | 020.167-010 | 1732-200 | NSM | 11.01 | SIR |
| 3. | Adjustment Clerk | 241.367-014 | 4783-100 | CLE | 07.05 | ESC |
| 4. | Advertising Clerk | 247.387-010 | 4662-100 | CLE | 07.02 | CSE |
| 5. | Advertising Sales Agent | 254.357-014 | 4153-100 | MAS | 08.01 | ESA |
| 6. | Aeronautical Engineer | 002.061-014 | 1622-100 | ESA | 05.01 | IRE |
| 7. | Agricultural Engineer | 013.061-010 | 1632-100 | ESA | 05.01 | IRE |
| 8. | Agricultural Grader or Sorter | 529.687-186 | 5625-100 | AFH | 03.04 | RCE |
| 9. | Air Traffic Controller | 193.162-018 | 3920-000 | TTE | 05.03 | SEI |
| 10. | Aircraft Engine Mechanic | 621.281-026 | 6113-100 | MCR | 05.05 | REI |
| 11. | Aircraft Mechanic | 621.281-014 | 6116-100 | MCR | 05.05 | RIE |
| 12. | Aircraft Pilot or Flight Engineer | 196.263-010 | 8250-000 | TMM | 05.04 | RIE |
| 13. | Aircraft Structure Assembly Worker | 806.381-026 | 6812-100 | PWM | 06.01 | RIE |
| 14. | Ambulance Driver or Attendant | 913.683-010 | 5233-600 | SRV | 10.03 | RSE |
| 15. | Animal Caretaker | 410.674-010 | 5624-100 | AFH | 03.03 | RES |
| 16. | Apparel Patternmaker | 781.381-026 | 6856-000 | PWM | 05.03 | RIE |
| 17. | Architect | 001.061-010 | 1610-100 | ESA | 05.01 | IEA |
| 18. | Audiovisual Production Specialist | 149.061-010 | 3290-220 | WAE | 01.02 | ASI |
| 19. | Automobile Mechanic | 620.261-010 | 6111-000 | MCR | 05.05 | REI |
| 20. | Automotive Body Repairer | 807.381-010 | 6115-000 | MCR | 05.05 | REI |
| 21. | Bailiff | 377.667-010 | 5134-229 | SRV | 04.02 | ESR |
| 22. | Baker | 526.381-010 | 6872-000 | PWM | 06.02 | RES |
| 23. | Baker, Bread and Pastry | 313.381-010 | 5214-200 | SRV | 05.10 | RSE |
| 24. | Barber | 330.371-010 | 5252-000 | SRV | 09.02 | ERC |
| 25. | Bartender | 312.474-010 | 5212-100 | SRV | 09.04 | ECR |
| 26. | Bicycle Repairer | 639.681-010 | 6179-000 | MCR | 05.10 | RCS |
| 27. | Bill and Account Collector | 241.367-010 | 4786-000 | CLE | 07.03 | ESC |
| 28. | Billing or Posting Machine Operator | 210.382-022 | 4718-100 | CLE | 07.02 | CRS |
| 29. | Bindery Machine Operator or Setter | 653.685-010 | 7449-200 | PWM | 06.04 | REC |
| 30. | Blaster or Explosives Worker | 859.261-010 | 6530-000 | CMD | 05.10 | REI |
| 31. | Boiler Operator | 950.382-010 | 7668-100 | PWM | 05.06 | REC |
| 32. | Boilermaker | 805.261-014 | 6814-000 | PWM | 05.05 | RIE |
| 33. | Bookbinder | 977.381-010 | 6844-000 | PWM | 05.05 | REC |
| 34. | Brickmason | 861.381-014 | 6412-000 | CMD | 05.05 | REI |
| 35. | Brokerage Clerk | 219.482-010 | 4699-200 | CLE | 07.02 | CES |
| 36. | Bucker or Faller | 454.684-010 | 5730-100 | AFH | 03.04 | REC |
| 37. | Budget Analyst | 161.267-030 | 1419-212 | AMB | 11.06 | CER |
| 38. | Bus Driver | 913.463-010 | 8215-000 | TMM | 09.03 | RSE |
| 39. | Butcher | 525.381-014 | 6871-000 | PWM | 06.02 | RES |
| 40. | Camera and Photographic Equipment Repairer | 714.281-014 | 6171-100 | MCR | 05.05 | RIE |
| 41. | Cannery Worker | 529.686-014 | 7759-200 | PWM | 06.04 | CRE |
| 42. | Captain, Fishing Vessel | 197.133-010 | 8241-205 | TMM | 05.04 | RCS |
| 43. | Carpet Installer | 864.381-010 | 6462-000 | CMD | 05.10 | REI |
| 44. | Ceiling Tile Installer | 860.381-010 | 6422-200 | CMD | 05.05 | RIE |
| 45. | Cement and Glue Machine Operator | 569.685-034 | 7661-100 | PWM | 06.04 | RCE |
| 46. | Chemical Engineer | 008.061-018 | 1626-100 | ESA | 05.01 | IRE |
| 47. | Chemical Equipment Controller or Operator | 558.585-014 | 7676-100 | PWM | 06.02 | RCE |

| NO. | VIEW TITLE | D.O.T. Code | SOC Code | INT | WTG | SDS |
|---|---|---|---|---|---|---|
| 48. | Chemical Plant and System Operator | 558.585-014 | 6940-000 | PWM | 06.02 | RCE |
| 49. | Chemist | 022.061-010 | 1845-200 | NSM | 02.01 | IES |
| 50. | Child Care Aide | 359.677-018 | 5264-100 | SRV | 10.03 | SEA |
| 51. | Civil Engineer | 005.061-014 | 1628-100 | ESA | 05.01 | IRS |
| 52. | Civil Engineering Technician | 005.261-014 | 3711-300 | TTE | 05.03 | RIC |
| 53. | Clergy | 120.007-010 | 2042-000 | SLR | 10.01 | SEI |
| 54. | Coil Winder or Taper/Finisher | 724.684-026 | 7720-300 | PWM | 06.04 | RCE |
| 55. | Coin and Vending Machine Servicer or Repairer | 639.281-014 | 6179-500 | MCR | 05.10 | RES |
| 56. | Combination Machine Tool Setter or Operator | 601.280-054 | 7329-100 | PWM | 05.05 | RIE |
| 57. | Computer Operator | 213.362-010 | 4612-000 | CLE | 07.06 | CSR |
| 58. | Computer Programmer, Numerical Control Tape | 003.167-062 | 3974-100 | TTE | 05.01 | RCI |
| 59. | Computer Systems Analyst (N/E) | 012.137-066 | 1712-000 | NSM | 11.01 | IER |
| 60. | Concrete and Terrazzo Finisher | 844.364-010 | 6463-100 | CMD | 05.05 | RIS |
| 61. | Construction Inspector | 182.267-010 | 1472-100 | AMB | 05.03 | IRC |
| 62. | Construction Manager | 182.167-026 | 1330-100 | AMB | 05.02 | ERI |
| 63. | Cook, Institution or Cafeteria | 315.361-010 | 5214-100 | SRV | 05.10 | RSE |
| 64. | Cook, Restaurant | 313.361-014 | 5214-000 | SRV | 05.05 | RSE |
| 65. | Cook, Short-Order | 313.361-022 | 5215-000 | SRV | 05.10 | CAE |
| 66. | Coremaker | 518.381-014 | 6861-217 | PWM | 06.01 | RCI |
| 67. | Corrections Officer or Jailer | 372.667-018 | 5133-000 | SRV | 04.02 | ESC |
| 68. | Cosmetologist or Hairdresser | 332.271-010 | 5253-200 | SRV | 09.02 | SER |
| 69. | Cost Estimator | 160.267-018 | 1490-400 | AMB | 05.03 | RCI |
| 70. | Counter and Rental Clerk | 249.362-010 | 4363-100 | MAS | 09.04 | ESC |
| 71. | Court Clerk | 243.362-010 | 4799-200 | CLE | 07.01 | SCE |
| 72. | Crane and Tower Operator | 921.663-010 | 8315-100 | TMM | 05.11 | RCE |
| 73. | Credit Analyst | 191.267-054 | 1419-244 | AMB | 11.06 | ESR |
| 74. | Credit Authorizer | 249.367-022 | 4799-100 | CLE | 07.05 | CES |
| 75. | Credit Checker | 205.367-022 | 4783-200 | CLE | 07.05 | CES |
| 76. | Credit or Loan Clerk | 205.367-022 | 4642-300 | CLE | 07.05 | CSE |
| 77. | Crushing and Mixing Machine Operator | 570.685-022 | 7664-100 | PWM | 06.04 | RCE |
| 78. | Custom Tailor or Sewer | 785.261-014 | 6852-000 | PWM | 05.05 | RIE |
| 79. | Customer Service Clerk | 299.367-010 | 4758-100 | CLE | 09.04 | ESC |
| 80. | Customer Service Representative, Utilities | 239.367-010 | 4664-100 | CLE | 07.04 | ESC |
| 81. | Dairy Processing Equipment Operator | 529.382-018 | 7476-100 | PWM | 06.02 | RIE |
| 82. | Data Entry Keyer | 203.582-022 | 4793-000 | CLE | 07.06 | CSR |
| 83. | Data Keyer, Composing (N/E) | 203.582-046 | 4793-100 | CLE | 07.06 | CRS |
| 84. | Dental Assistant (N/E) | 079.371-010 | 5232-000 | SRV | 10.03 | ESC |
| 85. | Dental Hygienist (N/E) | 078.361-010 | 3630-000 | HTT | 10.02 | EIR |
| 86. | Dental Laboratory Technician | 712.381-018 | 6865-000 | PWM | 05.05 | RIE |
| 87. | Dentist | 072.101-010 | 2620-000 | HDT | 02.03 | ISE |
| 88. | Diesel Engine Mechanic | 625.281-010 | 6112-000 | MCR | 05.05 | RIE |
| 89. | Dietician or Nutritionist | 077.127-010 | 3020-300 | NPD | 05.05 | SIE |
| 90. | Director of Religious Activities | 129.107-018 | 2049-100 | SLR | 11.07 | SEC |
| 91. | Dispatcher; Except Police, Fire, Ambulance | 912.167-010 | 3920-217 | TTE | 05.03 | EIS |
| 92. | Dispatcher; Police, Fire, Ambulance | 379.362-010 | 4751-200 | CLE | 07.04 | ECS |
| 93. | Displayer, Merchandise | 298.081-010 | 3220-274 | WAE | 01.02 | ARE |
| 94. | Dock Hand | 891.684-010 | 6179-475 | MCR | 05.12 | REC |
| 95. | Drafter, Mechanical | 007.281-010 | 3720-247 | TTE | 05.03 | IRE |
| 96. | Drilling or Boring Machine Setter or Set-Up Operator | 606.380-010 | 7318-100 | PWM | 06.01 | RIE |

| NO. | VIEW TITLE | D.O.T. Code | SOC Code | INT | WTG | SDS |
|---|---|---|---|---|---|---|
| 97. | Drywall Installer | 842.381-010 | 6424-000 | CMD | 05.10 | RCE |
| 98. | Duplicating Machine Operator | 207.682-010 | 4720-100 | CLE | 05.12 | RCE |
| 99. | Education Administrator | 099.117-010 | 1283-300 | AMB | 11.07 | ESC |
| 100. | Electric Meter Installer or Repairer | 729.281-014 | 6171-200 | MCR | 05.05 | RIE |
| 101. | Electrical and Electronic Assembler | 726.384-010 | 7720-200 | PWM | 06.02 | RCE |
| 102. | Electrical and Electronic Equipment Assembler | 729.687-010 | 6867-000 | PWM | 06.01 | RIE |
| 103. | Electrical Home Appliance and Power Tool Servicer | 827.261-010 | 6156-229 | MCR | 05.05 | RIS |
| 104. | Electrical Motor Repairer | 721.281-018 | 6152-100 | MCR | 05.05 | REI |
| 105. | Electrical or Electronics Engineer (N/E) | 003.061-010 | 1633-200 | ESA | 05.01 | IRE |
| 106. | Electrical/Electronic Engineering Technologist | 003.161-010 | 3711-200 | TTE | 05.01 | RIE |
| 107. | Electrician | 824.261-010 | 6432-000 | CMD | 05.05 | RIE |
| 108. | Electrocardiograph Technician | 078.362-018 | 3690-100 | HTT | 10.03 | CRI |
| 109. | Electroencephalograph Technician/Technologist | 078.362-022 | 3690-200 | HTT | 10.03 | RCI |
| 110. | Electromechanical Equipment Assembler | 828.381-014 | 6812-200 | PWM | 06.01 | RIE |
| 111. | Electronic Semiconductor Processor | 590.684-022 | 7679-200 | PWM | 06.04 | RCE |
| 112. | Electronics Repairer, Commercial and Industrial Equip. | 828.281-010 | 6153-100 | MCR | 05.05 | REI |
| 113. | Electroplating Machine Setter or Operator | 500.684-010 | 7543-100 | PWM | 06.02 | RCE |
| 114. | Elevator Installer or Repairer | 825.361-010 | 6176-100 | MCR | 05.05 | RIE |
| 115. | Embalmer | 338.371-014 | 3990-200 | TTE | 02.04 | RIE |
| 116. | Emergency Medical Technician | 079.374-010 | 3690-300 | HTT | 10.03 | ISE |
| 117. | Employment Interviewer | 166.267-010 | 1430-100 | AMB | 11.03 | SEC |
| 118. | Engraver | 979.381-010 | 6823-100 | PWM | 01.06 | RIC |
| 119. | Farm Equipment Mechanic | 624.281-010 | 6118-100 | MCR | 05.05 | REI |
| 120. | Farm Equipment Operator | 409.685-010 | 5616-000 | AFH | 03.04 | REC |
| 121. | Farm Manager | 180.167-018 | 5522-100 | AFH | 03.01 | ESI |
| 122. | Farmer | 421.161-010 | 5512-000 | AFH | 03.01 | RIE |
| 123. | File Clerk | 206.367-010 | 4696-000 | CLE | 07.05 | CES |
| 124. | Film Editor | 962.264-010 | 3312-400 | WAE | 01.01 | AES |
| 125. | Financial Analyst, Statistical | 020.167-014 | 1733-208 | NSM | 11.01 | ICS |
| 126. | Financial Manager | 186.117-038 | 1220-200 | AMB | 11.05 | ESI |
| 127. | Fire Fighter | 373.364-010 | 5123-000 | SRV | 04.02 | RIE |
| 128. | Fire Inspector | 373.267-010 | 5122-100 | SRV | 11.10 | ERI |
| 129. | Fire Lookout | 452.367-010 | 5122-223 | SRV | 07.04 | REI |
| 130. | Fish and Game Warden | 379.167-010 | 5134-100 | SRV | 04.01 | ERI |
| 131. | Flight Attendant | 352.367-010 | 5257-000 | SRV | 09.01 | ESC |
| 132. | Floor Layer | 864.481-010 | 6462-214 | CMD | 05.10 | RIE |
| 133. | Food Counter Worker | 311.477-010 | 5216-000 | SRV | 09.04 | ECS |
| 134. | Food Service Worker, Hospital | 355.677-010 | 5216-226 | SRV | 09.05 | CSR |
| 135. | Food Services Manager | 187.167-106 | 1351-400 | AMB | 11.11 | ERS |
| 136. | Forest Engineer | 005.167-018 | 1628-235 | ESA | 05.01 | IRE |
| 137. | Forester or Conservation Scientist | 040.061-034 | 1852-500 | NSM | 03.01 | IRS |
| 138. | Forestry and Conservation Worker | 452.687-010 | 5720-100 | AFH | 03.04 | RCE |
| 139. | Funeral Attendant | 359.677-014 | 5269-100 | SRV | 09.01 | ERS |
| 140. | Funeral Director | 187.167-030 | 1359-211 | AMB | 11.11 | ERI |
| 141. | Furnace Operator | 512.362-014 | 7544-300 | PWM | 06.02 | REI |
| 142. | Furniture Assembler | 763.684-038 | 7720-333 | PWM | 06.02 | RCE |
| 143. | Gardener or Groundskeeper | 406.684-010 | 5622-000 | AFH | 03.04 | REC |
| 144. | General Farm Worker | 421.683-010 | 5612-100 | AFH | 03.04 | RES |
| 145. | General Manager or Chief Executive | 183.117-014 | 1210-500 | AMB | 11.05 | SER |

| NO. | VIEW TITLE | D.O.T. Code | SOC Code | INT | WTG | SDS |
|---|---|---|---|---|---|---|
| 146. | Glazier | 865.381-010 | 6464-100 | CMD | 05.10 | REC |
| 147. | Grader and Dozer Operator | 850.663-022 | 8317-000 | TMM | 05.11 | REC |
| 148. | Graphic Arts Technician | 979.382-018 | 7643-313 | PWM | 01.06 | RIC |
| 149. | Grinder or Polisher, Hand | 705.684-058 | 7758-100 | PWM | 06.04 | RCE |
| 150. | Grinding and Buffing Machine Tool Setter | 603.280-030 | 7322-100 | PWM | 06.02 | REI |
| 151. | Guidance Counselor | 045.107-010 | 2400-410 | TLC | 10.01 | SEC |
| 152. | Guide | 353.367-010 | 5255-200 | SRV | 09.01 | ESC |
| 153. | Hand Cutter or Trimmer | 781.687-070 | 7753-100 | PWM | 06.04 | RCE |
| 154. | Hand Presser | 363.684-018 | 7759-100 | PWM | 06.04 | RCE |
| 155. | Hard Tile Setter | 861.381-054 | 6414-100 | CMD | 05.05 | RCE |
| 156. | Heat Treating Equipment Operator | 504.382-014 | 7544-100 | PWM | 06.02 | RCE |
| 157. | Heating, Air-Conditioning, and Refrigeration Mechanic | 637.261-014 | 6160-100 | MCR | 05.05 | REC |
| 158. | Heavy Equipment Mechanic | 620.261-022 | 6117-100 | MCR | 05.05 | RIE |
| 159. | Heavy Truck Driver | 905.663-014 | 8213-000 | TMM | 05.08 | RCE |
| 160. | Highway Maintenance Worker | 899.684-014 | 6479-100 | CMD | 05.12 | CRE |
| 161. | Hoist and Winch Operator | 921.667-018 | 8314-100 | TMM | 05.11 | RCE |
| 162. | Home Health Aide (N/E) | 354.377-014 | 5236-300 | SRV | 10.03 | SER |
| 163. | Host or Hostess | 310.137-010 | 5211-100 | SRV | 09.01 | ESR |
| 164. | Hotel or Motel Desk Clerk | 238.362-010 | 4643-000 | CLE | 07.04 | ESC |
| 165. | Housekeeper, Institutional | 321.137-010 | 5241-100 | SRV | 05.12 | ESR |
| 166. | Industrial Engineering Technician | 012.267-010 | 3712-000 | TTE | 05.03 | IRE |
| 167. | Industrial Machinery Mechanic | 638.281-014 | 6130-200 | MCR | 05.05 | RIE |
| 168. | Industrial Production Manager | 189.117-022 | 1320-300 | AMB | 05.02 | ERS |
| 169. | Industrial Truck or Tractor Operator | 921.683-050 | 8318-100 | TMM | 05.11 | RCE |
| 170. | Instrument Maker | 600.280-010 | 6813-205 | PWM | 05.05 | RIE |
| 171. | Insulation Worker | 863.364-014 | 6465-100 | CMD | 05.10 | REC |
| 172. | Insurance Adjuster | 241.217-010 | 4782-100 | CLE | 11.12 | ESC |
| 173. | Insurance Claim Clerk | 241.362-010 | 4782-200 | CLE | 07.05 | ECS |
| 174. | Insurance Claim Examiner | 168.267-014 | 1473-100 | AMB | 07.02 | ISE |
| 175. | Insurance Policy Processing Clerk | 219.387-014 | 4699-100 | CLE | 07.05 | CSE |
| 176. | Insurance Sales Agent | 250.257-010 | 4122-000 | MAS | 08.01 | ESC |
| 177. | Interior Designer | 142.051-014 | 3220-600 | WAE | 01.02 | AES |
| 178. | Janitor or Maid or Cleaner | 382.664-010 | 5242-100 | SRV | 05.12 | RCE |
| 179. | Jeweler or Silversmith | 700.281-010 | 6822-100 | PWM | 01.06 | REC |
| 180. | Job Printer | 973.381-018 | 6841-200 | PWM | 05.05 | RCS |
| 181. | Judge | 111.107-010 | 2120-200 | SLR | 11.04 | SEC |
| 182. | Laboratory Clerk | 222.587-026 | 4759-235 | CLE | 05.09 | CRE |
| 183. | Landscape Architect | 001.061-018 | 1610-200 | ESA | 05.01 | AIE |
| 184. | Lathe and Turning Machine Set-Up Operator | 604.280-010 | 7312-100 | PWM | 06.01 | RIE |
| 185. | Lather | 842.361-010 | 6424-205 | CMD | 05.10 | RES |
| 186. | Laundry and Drycleaning Machine Operator | 362.682-010 | 7658-100 | PWM | 06.04 | RCE |
| 187. | Lawyer | 110.107-010 | 2110-000 | SLR | 11.04 | ESI |
| 188. | Layout Worker I, Machine Shop | 600.281-018 | 6821-205 | PWM | 05.05 | RIE |
| 189. | Legal Secretary | 201.362-010 | 4622-000 | CLE | 07.01 | CSE |
| 190. | Legal Technician (N/E) | 119.267-026 | 3960-000 | TTE | 11.04 | SEC |
| 191. | Legislative Assistant | 169.167-066 | 1139-215 | AMB | 11.05 | ESR |
| 192. | Letterpress Setter or Set-Up Operator | 651.362-010 | 7443-200 | PWM | 05.05 | RIE |
| 193. | Librarian | 100.127-014 | 2510-100 | TLC | 11.02 | SEC |
| 194. | Library Assistant | 249.367-046 | 4694-100 | CLE | 11.02 | CSE |

| NO. | VIEW TITLE | D.O.T. Code | SOC Code | INT | WTG | SDS |
|---|---|---|---|---|---|---|
| 195. | Library Technician | 100.367-018 | 3990-500 | TTE | 11.02 | SEC |
| 196. | License Clerk | 205.367-034 | 4787-000 | CLE | 07.04 | ESC |
| 197. | Licensed Practical Nurse | 079.374-014 | 3660-000 | HTT | 10.02 | ESR |
| 198. | Light Truck Driver | 906.683-022 | 8214-000 | TMM | 05.08 | RCE |
| 199. | Loan Officer or Counselor | 186.267-018 | 1415-000 | AMB | 11.06 | ESI |
| 200. | Locksmith and Safe Repairer | 709.281-010 | 6173-000 | MCR | 05.05 | REI |
| 201. | Locomotive and Rail Yard Engineer | 910.363-014 | 8232-100 | TMM | 05.08 | REC |
| 202. | Logging Tractor Operator | 929.683-010 | 8318-200 | TMM | 03.04 | RCE |
| 203. | Longshore Equipment Operator | 911.663-014 | 8313-000 | TMM | 05.11 | RIE |
| 204. | Machine Assembler | 638.361-010 | 7720-100 | PWM | 06.02 | RCE |
| 205. | Machine Forming Operator | 616.360-018 | 7519-100 | PWM | 06.04 | RCE |
| 206. | Machine Tool Cutter | 601.280-042 | 7522-100 | PWM | 06.04 | RCE |
| 207. | Machinery Maintenance Worker | 626.281-010 | 6140-100 | MCR | 06.04 | RCE |
| 208. | Machinist | 600.280-022 | 6813-000 | PWM | 05.05 | RIE |
| 209. | Mail Clerk | 209.587-026 | 4744-000 | CLE | 07.05 | CRE |
| 210. | Maintenance Repairer, General Utility | 899.381-010 | 6179-600 | MCR | 05.10 | RIE |
| 211. | Management Analyst | 161.167-010 | 1420-000 | AMB | 11.05 | EIS |
| 212. | Manicurist | 331.674-010 | 5253-205 | SRV | 09.05 | ESC |
| 213. | Marine Engineer | 014.061-014 | 1637-500 | ESA | 05.01 | IRE |
| 214. | Marine Mechanic | 623.281-038 | 6114-217 | MCR | 05.05 | RIE |
| 215. | Marine or Naval Architect | 001.061-014 | 1637-300 | ESA | 05.01 | IRE |
| 216. | Marketing, Advertising or Public Relations Manager | 163.167-010 | 1250-500 | AMB | 11.09 | ESR |
| 217. | Mathematical Technician | 020.162-010 | 3840-000 | TTE | 11.01 | ICR |
| 218. | Meat, Poultry and Fish Cutter | 316.684-018 | 7753-200 | PWM | 06.04 | RCE |
| 219. | Mechanical Engineer | 007.061-014 | 1635-100 | ESA | 05.01 | IRE |
| 220. | Mechanical Engineering Technician | 007.161-026 | 3713-000 | TTE | 05.01 | RIE |
| 221. | Mechanics' and Repairers' Supervisor | 638.131-022 | 6000-000 | MCR | 05.02 | RES |
| 222. | Medical Assistant (N/E) | 079.367-010 | 5233-000 | SRV | 10.03 | SCR |
| 223. | Medical or Clinical Laboratory Technician | 078.381-014 | 3690-600 | HTT | 02.04 | IRE |
| 224. | Medical or Clinical Laboratory Technologist | 078.361-014 | 3620-400 | HTT | 02.04 | IRE |
| 225. | Medical Record Technician/Technologist | 079.367-014 | 3640-000 | HTT | 07.05 | SEC |
| 226. | Medical Secretary | 201.362-014 | 4622-100 | CLE | 07.01 | CSE |
| 227. | Medicine and Health Service Manager (N/E) | 075.117-014 | 1310-100 | AMB | 11.07 | SEC |
| 228. | Metal Fabricating Machine Operator | 619.685-018 | 7529-409 | PWM | 06.04 | RCE |
| 229. | Metallurgical or Materials Engineer | 011.061-022 | 1623-500 | ESA | 05.01 | IRE |
| 230. | Meteorologist | 025.062-010 | 1846-000 | NSM | 02.01 | IRE |
| 231. | Meter Reader, Utilities | 209.567-010 | 4755-000 | CLE | 05.09 | CSR |
| 232. | Millwright | 638.281-018 | 6178-200 | MCR | 05.05 | RIE |
| 233. | Mining Engineer | 010.061-014 | 1624-200 | ESA | 05.01 | IRE |
| 234. | Model | 297.667-014 | 4450-100 | MAS | 01.08 | ESA |
| 235. | Molding or Casting Machine Operator or Setter, Metal | 502.682-014 | 7542-100 | PWM | 06.02 | RCE |
| 236. | Motion Picture Projectionist | 960.362-010 | 7479-100 | PWM | 05.10 | RIE |
| 237. | Motorboat Operator | 911.663-010 | 8242-100 | TMM | 05.08 | RES |
| 238. | Motorcycle Repairer | 620.281-054 | 6114-100 | MCR | 05.05 | REI |
| 239. | Movie and TV Camera Operator | 143.062-022 | 3260-300 | WAE | 01.02 | AES |
| 240. | Municipal Clerk | 243.367-018 | 4799-300 | CLE | 07.01 | ECS |
| 241. | Music Conductor | 152.047-018 | 3230-200 | WAE | 01.04 | ASE |
| 242. | New Accounts Clerk | 205.362-026 | 4642-200 | CLE | 07.04 | CSE |
| 243. | Newscaster | 131.267-010 | 3313-300 | WAE | 11.08 | ESI |

| NO. | VIEW TITLE | D.O.T. Code | SOC Code | INT | WTG | SDS |
|---|---|---|---|---|---|---|
| 244. | Nuclear Engineer | 015.061-014 | 1627-000 | ESA | 05.01 | IRE |
| 245. | Nuclear Medicine Technologist (N/E) | 078.361-018 | 3650-000 | HTT | 10.02 | IRS |
| 246. | Nuclear Technician/Technologist | 015.261-010 | 3832-300 | TTE | 02.04 | RIC |
| 247. | Numerical Control Machine Set-Up Operator | 609.662-010 | 7326-100 | PWM | 06.02 | REI |
| 248. | Nurse Aide or Orderly | 355.374-014 | 5236-100 | SRV | 10.03 | SER |
| 249. | Nursery Worker | 405.687-014 | 5619-100 | AFH | 03.04 | REC |
| 250. | Nursing Instructor | 075.121-010 | 2232-205 | TLC | 10.02 | SIE |
| 251. | Occupational Therapist (N/E) | 076.121-010 | 3032-100 | NPD | 10.02 | EIS |
| 252. | Occupational Therapy Assistant (N/E) | 076.364-010 | 5233-100 | SRV | 10.02 | SEC |
| 253. | Office Machine and Cash Register Servicer | 633.281-018 | 6174-000 | MCR | 05.05 | RIE |
| 254. | Offset Lithographic Press Setter or Setup Operator | 651.482-010 | 7443-100 | PWM | 05.05 | RIE |
| 255. | Oil Well Driller | 930.382-026 | 6520-100 | CMD | 05.11 | RES |
| 256. | Operating Engineer | 859.683-010 | 8312-000 | TMM | 05.11 | RIE |
| 257. | Operation Analyst/Off (Mil) | 020.067-018 | 1721-992 | NSM | 11.01 | IRE |
| 258. | Operations Research Analyst (N/E) | 020.067-018 | 1721-000 | NSM | 11.01 | IRE |
| 259. | Optical Goods Worker | 716.280-008 | 6864-000 | PWM | 05.05 | REI |
| 260. | Optician, Dispensing and Measuring | 299.474-010 | 4490-100 | MAS | 05.10 | SER |
| 261. | Optometrist | 079.101-018 | 2810-000 | HDT | 02.03 | ISE |
| 262. | Order Clerk, Merchandise, Materials, and Service | 249.367-054 | 4664-200 | CLE | 07.05 | CES |
| 263. | Order Filler, Sales | 222.487-014 | 4754-100 | CLE | 05.09 | CRE |
| 264. | Packaging and Filling Machine Operator | 920.685-078 | 7662-100 | PWM | 06.04 | RCE |
| 265. | Painter or Paperhanger | 840.381-010 | 6442-100 | CMD | 05.10 | RES |
| 266. | Painter, Transportation Equipment | 845.381-014 | 7669-100 | PWM | 05.10 | REC |
| 267. | Painting Machine Setter or Operator | 599.382-010 | 7669-200 | PWM | 06.02 | RCE |
| 268. | Paper Goods Machine Setter | 649.380-010 | 7478-100 | PWM | 06.01 | REI |
| 269. | Parking Lot Attendant | 915.473-010 | 8740-000 | MHE | 09.04 | CRE |
| 270. | Pattern and Model Maker, Metal | 600.280-050 | 6817-208 | PWM | 05.05 | RIE |
| 271. | Paving and Surfacing Equipment Operator | 853.663-014 | 6466-000 | CMD | 05.11 | RCE |
| 272. | Peripheral EDP Equipment Operator (N/E) | 213.382-010 | 4613-000 | CLE | 07.06 | CRE |
| 273. | Personnel Clerk, Except Payroll | 209.362-026 | 4692-000 | CLE | 07.05 | CES |
| 274. | Personnel, Training and Labor Relations Manager | 166.117-018 | 1230-000 | AMB | 11.05 | ESI |
| 275. | Pest Control Worker or Assistant | 389.684-010 | 5246-100 | SRV | 05.10 | REC |
| 276. | Petroleum Engineer | 010.061-018 | 1625-100 | ESA | 05.01 | IRE |
| 277. | Petroleum Refinery Operator | 549.260-010 | 6920-100 | PWM | 05.06 | REC |
| 278. | Pharmacist | 074.161-010 | 3010-000 | NPD | 02.04 | IER |
| 279. | Pharmacy Assistant | 074.387-010 | 5233-500 | SRV | 05.09 | CRE |
| 280. | Photoengraving and Lithographing Machine Operator | 972.382-014 | 7444-100 | PWM | 01.06 | RIE |
| 281. | Photographer | 143.457-010 | 3260-100 | WAE | 01.02 | AER |
| 282. | Photographic Process Worker | 714.381-018 | 6868-100 | PWM | 01.06 | RCI |
| 283. | Photographic Processing Machine Operator | 976.487-010 | 7671-000 | PWM | 05.10 | RCE |
| 284. | Physical Therapist (N/E) | 076.121-014 | 3033-000 | NPD | 10.02 | SRE |
| 285. | Physical Therapy Assistant (N/E) | 076.224-010 | 5233-400 | SRV | 10.02 | SEI |
| 286. | Physician's Assistant (N/E) | 079.364-018 | 3040-000 | NPD | 10.02 | IRS |
| 287. | Pile Driver Operator | 859.682-018 | 6476-205 | CMD | 05.11 | REI |
| 288. | Plasterer or Stucco Mason | 842.361-018 | 6444-100 | CMD | 05.05 | RCE |
| 289. | Plating Machine Set-Up Operator or Setter | 500.380-010 | 7343-100 | PWM | 06.02 | REI |
| 290. | Plumber or Pipefitter | 862.381-030 | 6450-000 | CMD | 05.05 | REI |
| 291. | Podiatrist | 079.101-022 | 2830-000 | HDT | 02.03 | SIR |
| 292. | Police Detective | 375.267-010 | 5132-100 | SRV | 04.01 | ESR |

| NO. | VIEW TITLE | D.O.T. Code | SOC Code | INT | WTG | SDS |
|---|---|---|---|---|---|---|
| 293. | Portable Machine Cutter | 781.684-014 | 7753-300 | PWM | 06.02 | REI |
| 294. | Porter or Bellhop | 324.477-010 | 5262-100 | SRV | 09.05 | ERC |
| 295. | Postal Mail Carrier | 230.367-010 | 4743-000 | CLE | 07.05 | CES |
| 296. | Postal Service Clerk | 243.367-014 | 4742-000 | CLE | 07.03 | CSE |
| 297. | Postmaster or Mail Superintendent | 188.167-066 | 1344-000 | AMB | 11.05 | ESR |
| 298. | Power Distributor or Dispatcher | 952.167-014 | 6932-100 | PWM | 05.06 | RIE |
| 299. | Power Generating Plant Operator | 952.382-018 | 6932-000 | PWM | 05.06 | REI |
| 300. | Power Reactor Plant Operator | 952.362-022 | 6932-200 | PWM | 05.06 | REI |
| 301. | Powerhouse or Substation Electrician | 820.261-014 | 6153-200 | MCR | 05.05 | REI |
| 302. | Precision Instrument Repairer | 710.281-026 | 6171-400 | MCR | 05.05 | RIE |
| 303. | Press Machine Operator | 363.682-018 | 7657-100 | PWM | 06.04 | RCE |
| 304. | Printing Specialist/Enl (Mil) | 651.380-010 | 7443-991 | PWM | 01.06 | RIE |
| 305. | Private Detective or Investigator | 376.267-018 | 5144-200 | SRV | 04.01 | ESI |
| 306. | Procurement Clerk | 249.367-066 | 4754-200 | CLE | 07.01 | CES |
| 307. | Production Machine Tender | 609.685-018 | 7529-331 | PWM | 06.04 | RCE |
| 308. | Proofreader | 209.387-030 | 4792-000 | CLE | 07.05 | CIS |
| 309. | Property and Real Estate Manager | 186.167-046 | 1353-500 | AMB | 11.11 | ESR |
| 310. | Psychiatric Aide | 355.377-014 | 5236-400 | SRV | 10.03 | SER |
| 311. | Punch Machine Set-Up Operator | 615.685-030 | 7314-100 | PWM | 06.02 | RCE |
| 312. | Purchasing Agent, Farm Products | 162.157-010 | 1443-100 | AMB | 08.01 | ESI |
| 313. | Purchasing Agent, Wholesale or Retail | 162.157-038 | 1449-000 | AMB | 11.05 | ESC |
| 314. | Purchasing Manager | 162.167-022 | 1240-100 | AMB | 11.05 | ESC |
| 315. | Radiation Therapy Technologist | 078.361-034 | 3650-200 | HTT | 10.02 | EIR |
| 316. | Radio and Television Announcer | 159.147-010 | 3330-000 | WAE | 01.03 | SEC |
| 317. | Radio Mechanic | 823.261-018 | 6151-400 | MCR | 05.05 | RIE |
| 318. | Radio Operator | 193.262-022 | 3930-000 | TTE | 07.04 | REI |
| 319. | Radiologic Technologist (N/E) | 078.362-026 | 3650-100 | HTT | 10.02 | ISR |
| 320. | Rail Car Repairer | 622.381-014 | 6117-200 | MCR | 05.05 | RIE |
| 321. | Railroad Braker, Signal and Switch Operator | 910.667-026 | 8233-100 | TMM | 05.12 | RES |
| 322. | Railroad Conductor or Yardmaster | 198.167-010 | 8113-100 | TMM | 11.11 | ERS |
| 323. | Real Estate Appraiser | 191.267-010 | 4123-000 | MAS | 11.06 | SIR |
| 324. | Real Estate Clerk | 219.362-046 | 4630-300 | CLE | 07.01 | CES |
| 325. | Recreation and Amusement Attendant | 341.367-010 | 5254-100 | SRV | 07.04 | ECS |
| 326. | Recreation Worker | 195.227-014 | 2033-200 | SLR | 09.01 | SER |
| 327. | Refuse Collector | 909.687-010 | 8722-000 | MHE | 05.12 | RES |
| 328. | Reinforcing Metal Worker | 801.684-026 | 6473-000 | CMD | 05.05 | REI |
| 329. | Reporter or Correspondent | 131.267-018 | 3313-500 | WAE | 11.08 | EAS |
| 330. | Reservation and Ticket Agent | 238.367-026 | 4644-000 | CLE | 07.04 | CES |
| 331. | Respiratory Therapist | 079.361-010 | 3031-000 | NPD | 10.02 | RIS |
| 332. | Restaurant Attendant | 313.361-014 | 5218-100 | SRV | 09.05 | RCE |
| 333. | Rigger | 806.261-014 | 6177-000 | MCR | 05.05 | REI |
| 334. | Roofer | 866.381-010 | 6468-100 | CMD | 05.10 | REC |
| 335. | Roustabout | 869.684-046 | 6560-200 | CMD | 05.10 | RCE |
| 336. | Safety Engineer | 012.061-014 | 1634-600 | ESA | 05.01 | ISR |
| 337. | Sailor | 911.687-030 | 8243-000 | TMM | 05.12 | REI |
| 338. | Sales Representative, Business Services | 251.357-010 | 4152-300 | MAS | 08.02 | ESI |
| 339. | Salesperson, Automobile Accessories | 273.357-030 | 4342-208 | MAS | 08.02 | ESC |
| 340. | Salesperson, Parts | 279.357-062 | 4367-100 | MAS | 08.02 | ESC |
| 341. | Salesperson, Sporting Goods | 277.357-058 | 4345-208 | MAS | 08.02 | ESC |

| NO. | VIEW TITLE | D.O.T. Code | SOC Code | INT | WTG | SDS |
|---|---|---|---|---|---|---|
| 342. | Sawing Machine Setter and Operator | 667.662-010 | 7633-300 | PWM | 06.02 | RCE |
| 343. | School Bus Driver | 913.463-010 | 8215-100 | TMM | 09.03 | RSE |
| 344. | Screen Printing Machine Set-Up Operator | 979.684-034 | 7449-100 | PWM | 06.01 | REC |
| 345. | Secretary | 201.362-030 | 4622-200 | CLE | 07.01 | CSE |
| 346. | Securities and Financial Services Sales Agent | 251.157-010 | 4124-200 | MAS | 11.06 | ESC |
| 347. | Separating and Still Machine Operator | 599.685-082 | 7666-100 | PWM | 06.04 | RCE |
| 348. | Service Observer | 239.367-026 | 4739-211 | CLE | 07.04 | ESR |
| 349. | Service Station Attendant | 915.467-010 | 8730-000 | MHE | 05.10 | REC |
| 350. | Sewing Machine Operator, Garment | 787.682-058 | 7655-100 | PWM | 06.02 | RCE |
| 351. | Sewing Machine Repairer | 639.281-018 | 6130-382 | MCR | 05.10 | REI |
| 352. | Sheet Metal Worker | 804.281-010 | 6824-000 | PWM | 05.05 | RIE |
| 353. | Sheriff or Deputy Sheriff | 377.263-010 | 5134-200 | SRV | 04.01 | ESR |
| 354. | Ship Captain or Pilot | 197.167-010 | 8241-100 | TMM | 05.04 | REI |
| 355. | Ship Engineer | 197.130-010 | 8244-100 | TMM | 05.06 | REI |
| 356. | Ship Mate | 197.133-022 | 8241-200 | TMM | 05.04 | REI |
| 357. | Shipfitter | 806.381-046 | 6821-100 | PWM | 05.05 | RIE |
| 358. | Shipping and Receiving Clerk | 222.387-050 | 4753-200 | CLE | 05.09 | RCE |
| 359. | Shoe Sewing Machine Operator | 788.381-010 | 7656-100 | PWM | 06.02 | CRE |
| 360. | Small Engine Specialist | 625.281-034 | 6114-200 | MCR | 05.05 | REI |
| 361. | Social Service Technician | 195.227-010 | 2032-860 | SLR | 10.01 | SEC |
| 362. | Social Welfare Clerk | 195.267-010 | 4784-100 | CLE | 07.01 | CSE |
| 363. | Social Welfare Service Aide | 309.677-010 | 5263-100 | SRV | 10.03 | SCE |
| 364. | Solderer or Brazer | 813.684-026 | 7717-100 | PWM | 06.04 | CRE |
| 365. | Soldering Machine Operator | 715.685-058 | 7533-100 | PWM | 06.02 | REC |
| 366. | Statement Clerk | 219.362-058 | 4699-300 | CLE | 07.02 | CRS |
| 367. | Stationary Engineer | 950.382-026 | 6931-100 | PWM | 05.06 | RIE |
| 368. | Statistical Clerk | 216.382-062 | 4794-100 | CLE | 07.02 | CSR |
| 369. | Statistician | 020.067-022 | 1733-200 | NSM | 11.01 | IER |
| 370. | Stenographer | 202.362-014 | 4623-000 | CLE | 07.05 | CSE |
| 371. | Stock Clerk, Sales Floor | 299.367-014 | 4362-100 | MAS | 05.09 | RIE |
| 372. | Stock Clerk, Stockroom or Warehouse | 222.387-058 | 4754-000 | CLE | 05.09 | RCE |
| 373. | Stonemason | 861.381-038 | 6413-000 | CMD | 05.05 | REI |
| 374. | Structural Metal Fitter | 801.261-014 | 6812-300 | PWM | 05.05 | RIE |
| 375. | Surgical Technician or Technologist | 079.374-022 | 3690-830 | HTT | 10.03 | RES |
| 376. | Surveying and Mapping Scientist | 018.167-018 | 1649-200 | ESA | 05.03 | IRE |
| 377. | Tank Car and Truck Loader | 914.667-010 | 8319-300 | TMM | 06.04 | RCE |
| 378. | Tax Examiner or Revenue Agent | 160.167-050 | 1473-600 | AMB | 11.06 | ERS |
| 379. | Tax Preparer | 219.362-070 | 4712-308 | CLE | 07.02 | CES |
| 380. | Taxi Driver or Chauffeur | 359.673-010 | 8216-100 | TMM | 09.03 | REC |
| 381. | Teacher Aide | 249.367-074 | 4795-000 | CLE | 07.01 | CSE |
| 382. | Teacher, Kindergarten or Elementary | 092.227-010 | 2320-000 | TLC | 11.02 | SEC |
| 383. | Teacher, Preschool | 092.227-018 | 2310-200 | TLC | 10.02 | SEC |
| 384. | Teacher, Secondary School | 091.227-010 | 2330-200 | TLC | 11.02 | ESI |
| 385. | Teacher, Special Education | 094.227-018 | 2350-000 | TLC | 10.02 | SEC |
| 386. | Teacher, Vocational Education | 097.227-014 | 2390-700 | TLC | 11.02 | SEI |
| 387. | Teacher; Music, Art or Drama | 152.021-010 | 2390-271 | TLC | 01.04 | ASE |
| 388. | Telegrapher | 236.562-010 | 4733-000 | CLE | 07.04 | CES |
| 389. | Telephone Installer or Repairer | 822.261-022 | 6158-100 | MCR | 05.05 | RES |
| 390. | Telephone Line Installer or Repairer | 822.381-014 | 6157-000 | MCR | 05.05 | RIS |

| NO. | VIEW TITLE | D.O.T. Code | SOC Code | INT | WTG | SDS |
|---|---|---|---|---|---|---|
| 391. | Telephone-Answering-Service Operator | 235.662-026 | 4739-208 | CLE | 07.04 | CES |
| 392. | Test Technician | 019.161-014 | 3719-241 | TTE | 05.01 | IRE |
| 393. | Textile Machine Setter or Set-Up Operator | 690.380-014 | 7450-100 | PWM | 06.01 | REI |
| 394. | Tire Building Machine Operator | 750.384-010 | 7679-300 | PWM | 06.02 | RIE |
| 395. | Tire Repairer or Changer | 915.684-010 | 6179-400 | MCR | 05.12 | REI |
| 396. | Title Examiner or Searcher | 209.367-046 | 3960-300 | TTE | 07.05 | CRS |
| 397. | Tool and Die Maker | 601.280-046 | 6811-100 | PWM | 05.05 | REI |
| 398. | Track Repairer | 910.682-010 | 6467-208 | CMD | 05.12 | RIE |
| 399. | Trailer Assembler | 806.381-058 | 6812-292 | PWM | 06.02 | RIE |
| 400. | Transportation Supervisor | 184.167-226 | 8100-100 | TMM | 05.12 | ERS |
| 401. | Travel Agent | 252.157-010 | 4369-000 | MAS | 08.02 | ECS |
| 402. | Typesetter | 973.381-010 | 6841-100 | PWM | 05.05 | RCS |
| 403. | Typesetting or Composing Machine Operator | 650.685-010 | 7642-100 | PWM | 05.10 | RCE |
| 404. | Typist | 203.582-066 | 4624-100 | CLE | 07.06 | CSE |
| 405. | Typist, Word Processing | 203.362-022 | 4624-200 | CLE | 07.06 | CRS |
| 406. | Underwriter | 169.167-058 | 1414-000 | AMB | 11.06 | CIS |
| 407. | Upholsterer | 780.381-018 | 6853-200 | PWM | 05.05 | REI |
| 408. | Urban and Regional Planner | 199.167-014 | 1920-100 | SLR | 11.03 | ESI |
| 409. | Usher or Lobby Attendant | 344.677-014 | 5256-100 | SRV | 09.05 | CES |
| 410. | Vehicle Washer or Equipment Cleaner | 599.684-010 | 8750-100 | MHE | 06.04 | RCE |
| 411. | Veterinarian | 073.101-010 | 2700-100 | HDT | 02.03 | IRS |
| 412. | Waiter or Waitress | 350.677-030 | 5213-100 | SRV | 09.04 | ECS |
| 413. | Watch Maker or Repairer | 715.281-010 | 6171-500 | MCR | 05.05 | REI |
| 414. | Water and Sewage Treatment Plant Operator | 954.382-014 | 6910-100 | PWM | 05.06 | REI |
| 415. | Welder or Cutter | 819.361-010 | 7714-000 | PWM | 05.05 | RIE |
| 416. | Wholesale and Retail Buyer | 162.157-018 | 1442-100 | AMB | 08.01 | ESA |
| 417. | Woodworking Machine Operator | 669.380-014 | 7630-100 | PWM | 06.04 | RCE |

# CAREER FIELD (VIEW INTEREST SURVEY) INDEX

| VIEW INT | No. | VIEW TITLE |
|---|---|---|
| AFH | 8. | Agricultural Grader or Sorter |
| | 15. | Animal Caretaker |
| | 36. | Bucker or Faller |
| | 120. | Farm Equipment Operator |
| | 121. | Farm Manager |
| | 122. | Farmer |
| | 138. | Forestry and Conservation Worker |
| | 143. | Gardener or Groundskeeper |
| | 144. | General Farm Worker |
| | 249. | Nursery Worker |
| AMB | 1. | Accountant or Auditor |
| | 37. | Budget Analyst |
| | 61. | Construction Inspector |
| | 62. | Construction Manager |
| | 69. | Cost Estimator |
| | 73. | Credit Analyst |
| | 99. | Education Administrator |
| | 117. | Employment Interviewer |
| | 126. | Financial Manager |
| | 135. | Food Services Manager |
| | 140. | Funeral Director |
| | 145. | General Manager or Chief Executive |
| | 168. | Industrial Production Manager |
| | 174. | Insurance Claim Examiner |
| | 191. | Legislative Assistant |
| | 199. | Loan Officer or Counselor |
| | 211. | Management Analyst |
| | 216. | Marketing, Advertising or Public Relations Manager |
| | 227. | Medicine and Health Service Manager (N/E) |
| | 274. | Personnel, Training and Labor Relations Manager |
| | 297. | Postmaster or Mail Superintendent |
| | 309. | Property and Real Estate Manager |
| | 312. | Purchasing Agent, Farm Products |
| | 313. | Purchasing Agent, Wholesale or Retail |
| | 314. | Purchasing Manager |
| | 378. | Tax Examiner or Revenue Agent |
| | 406. | Underwriter |
| | 416. | Wholesale and Retail Buyer |
| CLE | 3. | Adjustment Clerk |
| | 4. | Advertising Clerk |
| | 27. | Bill and Account Collector |
| | 28. | Billing or Posting Machine Operator |
| | 35. | Brokerage Clerk |

| VIEW INT | No. | VIEW TITLE |
|---|---|---|
| | 57. | Computer Operator |
| | 71. | Court Clerk |
| | 74. | Credit Authorizer |
| | 75. | Credit Checker |
| | 76. | Credit or Loan Clerk |
| | 79. | Customer Service Clerk |
| | 80. | Customer Service Representative, Utilities |
| | 82. | Data Entry Keyer |
| | 83. | Data Keyer, Composing (N/E) |
| | 92. | Dispatcher; Police, Fire, Ambulance |
| | 98. | Duplicating Machine Operator |
| | 123. | File Clerk |
| | 164. | Hotel or Motel Desk Clerk |
| | 172. | Insurance Adjuster |
| | 173. | Insurance Claim Clerk |
| | 175. | Insurance Policy Processing Clerk |
| | 182. | Laboratory Clerk |
| | 189. | Legal Secretary |
| | 194. | Library Assistant |
| | 196. | License Clerk |
| | 209. | Mail Clerk |
| | 226. | Medical Secretary |
| | 231. | Meter Reader, Utilities |
| | 240. | Municipal Clerk |
| | 242. | New Accounts Clerk |
| | 262. | Order Clerk, Merchandise, Materials, and Service |
| | 263. | Order Filler, Sales |
| | 272. | Peripheral EDP Equipment Operator (N/E) |
| | 273. | Personnel Clerk, Except Payroll |
| | 295. | Postal Mail Carrier |
| | 296. | Postal Service Clerk |
| | 306. | Procurement Clerk |
| | 308. | Proofreader |
| | 324. | Real Estate Clerk |
| | 330. | Reservation and Ticket Agent |
| | 345. | Secretary |
| | 348. | Service Observer |
| | 358. | Shipping and Receiving Clerk |
| | 362. | Social Welfare Clerk |
| | 366. | Statement Clerk |
| | 368. | Statistical Clerk |
| | 370. | Stenographer |
| | 372. | Stock Clerk, Stockroom or Warehouse |
| | 379. | Tax Preparer |
| | 381. | Teacher Aide |
| | 388. | Telegrapher |
| | 391. | Telephone-Answering-Service Operator |
| | 404. | Typist |

| | | |
|---|---|---|
| | 405. | Typist, Word Processing |
| CMD | 30. | Blaster or Explosives Worker |
| | 34. | Brickmason |
| | 43. | Carpet Installer |
| | 44. | Ceiling Tile Installer |
| | 60. | Concrete and Terrazzo Finisher |
| | 97. | Drywall Installer |
| | 107. | Electrician |
| | 132. | Floor Layer |
| | 146. | Glazier |
| | 155. | Hard Tile Setter |
| | 160. | Highway Maintenance Worker |
| | 171. | Insulation Worker |
| | 185. | Lather |
| | 255. | Oil Well Driller |
| | 265. | Painter or Paperhanger |
| | 271. | Paving and Surfacing Equipment Operator |
| | 287. | Pile Driver Operator |
| | 288. | Plasterer or Stucco Mason |
| | 290. | Plumber or Pipefitter |
| | 328. | Reinforcing Metal Worker |
| | 334. | Roofer |
| | 335. | Roustabout |
| | 373. | Stonemason |
| | 398. | Track Repairer |
| ESA | 6. | Aeronautical Engineer |
| | 7. | Agricultural Engineer |
| | 17. | Architect |
| | 46. | Chemical Engineer |
| | 51. | Civil Engineer |
| | 105. | Electrical or Electronics Engineer (N/E) |
| | 136. | Forest Engineer |
| | 183. | Landscape Architect |
| | 213. | Marine Engineer |
| | 215. | Marine or Naval Architect |
| | 219. | Mechanical Engineer |
| | 229. | Metallurgical or Materials Engineer |
| | 233. | Mining Engineer |
| | 244. | Nuclear Engineer |
| | 276. | Petroleum Engineer |
| | 336. | Safety Engineer |
| | 376. | Surveying and Mapping Scientist |
| HDT | 87. | Dentist |
| | 261. | Optometrist |
| | 291. | Podiatrist |
| | 411. | Veterinarian |
| HTT | 85. | Dental Hygienist (N/E) |

| VIEW INT | No. | VIEW TITLE |
|---|---|---|
| | 108. | Electrocardiograph Technician |
| | 109. | Electroencephalograph Technician/Technologist |
| | 116. | Emergency Medical Technician |
| | 197. | Licensed Practical Nurse |
| | 223. | Medical or Clinical Laboratory Technician |
| | 224. | Medical or Clinical Laboratory Technologist |
| | 225. | Medical Record Technician/Technologist |
| | 245. | Nuclear Medicine Technologist (N/E) |
| | 315. | Radiation Therapy Technologist |
| | 319. | Radiologic Technologist (N/E) |
| | 375. | Surgical Technician or Technologist |
| MAS | 5. | Advertising Sales Agent |
| | 70. | Counter and Rental Clerk |
| | 176. | Insurance Sales Agent |
| | 234. | Model |
| | 260. | Optician, Dispensing and Measuring |
| | 323. | Real Estate Appraiser |
| | 338. | Sales Representative, Business Services |
| | 339. | Salesperson, Automobile Accessories |
| | 340. | Salesperson, Parts |
| | 341. | Salesperson, Sporting Goods |
| | 346. | Securities and Financial Services Sales Agent |
| | 371. | Stock Clerk, Sales Floor |
| | 401. | Travel Agent |
| MCR | 10. | Aircraft Engine Mechanic |
| | 11. | Aircraft Mechanic |
| | 19. | Automobile Mechanic |
| | 20. | Automotive Body Repairer |
| | 26. | Bicycle Repairer |
| | 40. | Camera and Photographic Equipment Repairer |
| | 55. | Coin and Vending Machine Servicer or Repairer |
| | 88. | Diesel Engine Mechanic |
| | 94. | Dock Hand |
| | 100. | Electric Meter Installer or Repairer |
| | 103. | Electrical Home Appliance and Power Tool Servicer |
| | 104. | Electrical Motor Repairer |
| | 112. | Electronics Repairer, Commercial and Industrial Equip. |
| | 114. | Elevator Installer or Repairer |
| | 119. | Farm Equipment Mechanic |
| | 157. | Heating, Air-Conditioning, and Refrigeration Mechanic |
| | 158. | Heavy Equipment Mechanic |
| | 167. | Industrial Machinery Mechanic |
| | 200. | Locksmith and Safe Repairer |
| | 207. | Machinery Maintenance Worker |
| | 210. | Maintenance Repairer, General Utility |
| | 214. | Marine Mechanic |

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|---|---|---|
| | 221. | Mechanics' and Repairers' Supervisor |
| | 232. | Millwright |
| | 238. | Motorcycle Repairer |
| | 253. | Office Machine and Cash Register Servicer |
| | 301. | Powerhouse or Substation Electrician |
| | 302. | Precision Instrument Repairer |
| | 317. | Radio Mechanic |
| | 320. | Rail Car Repairer |
| | 333. | Rigger |
| | 351. | Sewing Machine Repairer |
| | 360. | Small Engine Specialist |
| | 389. | Telephone Installer or Repairer |
| | 390. | Telephone Line Installer or Repairer |
| | 395. | Tire Repairer or Changer |
| | 413. | Watch Maker or Repairer |
| MHE | 269. | Parking Lot Attendant |
| | 327. | Refuse Collector |
| | 349. | Service Station Attendant |
| | 410. | Vehicle Washer or Equipment Cleaner |
| NPD | 89. | Dietician or Nutritionist |
| | 251. | Occupational Therapist (N/E) |
| | 278. | Pharmacist |
| | 284. | Physical Therapist (N/E) |
| | 286. | Physician's Assistant (N/E) |
| | 331. | Respiratory Therapist |
| NSM | 2. | Actuary |
| | 49. | Chemist |
| | 59. | Computer Systems Analyst (N/E) |
| | 125. | Financial Analyst, Statistical |
| | 137. | Forester or Conservation Scientist |
| | 230. | Meteorologist |
| | 257. | Operation Analyst/Off (Mil) |
| | 258. | Operations Research Analyst (N/E) |
| | 369. | Statistician |
| PWM | 13. | Aircraft Structure Assembly Worker |
| | 16. | Apparel Patternmaker |
| | 22. | Baker |
| | 29. | Bindery Machine Operator or Setter |
| | 31. | Boiler Operator |
| | 32. | Boilermaker |
| | 33. | Bookbinder |
| | 39. | Butcher |
| | 41. | Cannery Worker |
| | 45. | Cement and Glue Machine Operator |
| | 47. | Chemical Equipment Controller or Operator |
| | 48. | Chemical Plant and System Operator |
| | 54. | Coil Winder or Taper/Finisher |

| VIEW INT | No. | VIEW TITLE |
|---|---|---|
| | 56. | Combination Machine Tool Setter or Operator |
| | 66. | Coremaker |
| | 77. | Crushing and Mixing Machine Operator |
| | 78. | Custom Tailor or Sewer |
| | 81. | Dairy Processing Equipment Operator |
| | 86. | Dental Laboratory Technician |
| | 96. | Drilling or Boring Machine Setter or Set-Up Operator |
| | 101. | Electrical and Electronic Assembler |
| | 102. | Electrical and Electronic Equipment Assembler |
| | 110. | Electromechanical Equipment Assembler |
| | 111. | Electronic Semiconductor Processor |
| | 113. | Electroplating Machine Setter or Operator |
| | 118. | Engraver |
| | 141. | Furnace Operator |
| | 142. | Furniture Assembler |
| | 148. | Graphic Arts Technician |
| | 149. | Grinder or Polisher, Hand |
| | 150. | Grinding and Buffing Machine Tool Setter |
| | 153. | Hand Cutter or Trimmer |
| | 154. | Hand Presser |
| | 156. | Heat Treating Equipment Operator |
| | 170. | Instrument Maker |
| | 179. | Jeweler or Silversmith |
| | 180. | Job Printer |
| | 184. | Lathe and Turning Machine Set-Up Operator |
| | 186. | Laundry and Drycleaning Machine Operator |
| | 188. | Layout Worker I, Machine Shop |
| | 192. | Letterpress Setter or Set-Up Operator |
| | 204. | Machine Assembler |
| | 205. | Machine Forming Operator |
| | 206. | Machine Tool Cutter |
| | 208. | Machinist |
| | 218. | Meat, Poultry and Fish Cutter |
| | 228. | Metal Fabricating Machine Operator |
| | 235. | Molding or Casting Machine Operator or Setter, Metal |
| | 236. | Motion Picture Projectionist |
| | 247. | Numerical Control Machine Set-Up Operator |
| | 254. | Offset Lithographic Press Setter or Setup Operator |
| | 259. | Optical Goods Worker |
| | 264. | Packaging and Filling Machine Operator |
| | 266. | Painter, Transportation Equipment |
| | 267. | Painting Machine Setter or Operator |
| | 268. | Paper Goods Machine Setter |
| | 270. | Pattern and Model Maker, Metal |
| | 277. | Petroleum Refinery Operator |
| | 280. | Photoengraving and Lithographing Machine Operator |
| | 282. | Photographic Process Worker |
| | 283. | Photographic Processing Machine Operator |

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|---|---|---|
| | 289. | Plating Machine Set-Up Operator or Setter |
| | 293. | Portable Machine Cutter |
| | 298. | Power Distributor or Dispatcher |
| | 299. | Power Generating Plant Operator |
| | 300. | Power Reactor Plant Operator |
| | 303. | Press Machine Operator |
| | 304. | Printing Specialist/Enl (Mil) |
| | 307. | Production Machine Tender |
| | 311. | Punch Machine Set-Up Operator |
| | 342. | Sawing Machine Setter and Operator |
| | 344. | Screen Printing Machine Set-Up Operator |
| | 347. | Separating and Still Machine Operator |
| | 350. | Sewing Machine Operator, Garment |
| | 352. | Sheet Metal Worker |
| | 357. | Shipfitter |
| | 359. | Shoe Sewing Machine Operator |
| | 364. | Solderer or Brazer |
| | 365. | Soldering Machine Operator |
| | 367. | Stationary Engineer |
| | 374. | Structural Metal Fitter |
| | 393. | Textile Machine Setter or Set-Up Operator |
| | 394. | Tire Building Machine Operator |
| | 397. | Tool and Die Maker |
| | 399. | Trailer Assembler |
| | 402. | Typesetter |
| | 403. | Typesetting or Composing Machine Operator |
| | 407. | Upholsterer |
| | 414. | Water and Sewage Treatment Plant Operator |
| | 415. | Welder or Cutter |
| | 417. | Woodworking Machine Operator |
| SLR | 53. | Clergy |
| | 90. | Director of Religious Activities |
| | 181. | Judge |
| | 187. | Lawyer |
| | 326. | Recreation Worker |
| | 361. | Social Service Technician |
| | 408. | Urban and Regional Planner |
| SRV | 14. | Ambulance Driver or Attendant |
| | 21. | Bailiff |
| | 23. | Baker, Bread and Pastry |
| | 24. | Barber |
| | 25. | Bartender |
| | 50. | Child Care Aide |
| | 63. | Cook, Institution or Cafeteria |
| | 64. | Cook, Restaurant |
| | 65. | Cook, Short-Order |
| | 67. | Corrections Officer or Jailer |
| | 68. | Cosmetologist or Hairdresser |
| | 84. | Dental Assistant (N/E) |

| VIEW INT | No. | VIEW TITLE |
|---|---|---|
| | 127. | Fire Fighter |
| | 128. | Fire Inspector |
| | 129. | Fire Lookout |
| | 130. | Fish and Game Warden |
| | 131. | Flight Attendant |
| | 133. | Food Counter Worker |
| | 134. | Food Service Worker, Hospital |
| | 139. | Funeral Attendant |
| | 152. | Guide |
| | 162. | Home Health Aide (N/E) |
| | 163. | Host or Hostess |
| | 165. | Housekeeper, Institutional |
| | 178. | Janitor or Maid or Cleaner |
| | 212. | Manicurist |
| | 222. | Medical Assistant (N/E) |
| | 248. | Nurse Aide or Orderly |
| | 252. | Occupational Therapy Assistant (N/E) |
| | 275. | Pest Control Worker or Assistant |
| | 279. | Pharmacy Assistant |
| | 285. | Physical Therapy Assistant (N/E) |
| | 292. | Police Detective |
| | 294. | Porter or Bellhop |
| | 305. | Private Detective or Investigator |
| | 310. | Psychiatric Aide |
| | 325. | Recreation and Amusement Attendant |
| | 332. | Restaurant Attendant |
| | 353. | Sheriff or Deputy Sheriff |
| | 363. | Social Welfare Service Aide |
| | 409. | Usher or Lobby Attendant |
| | 412. | Waiter or Waitress |
| TLC | 151. | Guidance Counselor |
| | 193. | Librarian |
| | 250. | Nursing Instructor |
| | 382. | Teacher, Kindergarten or Elementary |
| | 383. | Teacher, Preschool |
| | 384. | Teacher, Secondary School |
| | 385. | Teacher, Special Education |
| | 386. | Teacher, Vocational Education |
| | 387. | Teacher; Music, Art or Drama |
| TMM | 12. | Aircraft Pilot or Flight Engineer |
| | 38. | Bus Driver |
| | 42. | Captain, Fishing Vessel |
| | 72. | Crane and Tower Operator |
| | 147. | Grader and Dozer Operator |
| | 159. | Heavy Truck Driver |
| | 161. | Hoist and Winch Operator |

| | | |
|---|---|---|
| | 169. | Industrial Truck or Tractor Operator |
| | 198. | Light Truck Driver |
| | 201. | Locomotive and Rail Yard Engineer |
| | 202. | Logging Tractor Operator |
| | 203. | Longshore Equipment Operator |
| | 237. | Motorboat Operator |
| | 256. | Operating Engineer |
| | 321. | Railroad Braker, Signal and Switch Operator |
| | 322. | Railroad Conductor or Yardmaster |
| | 337. | Sailor |
| | 343. | School Bus Driver |
| | 354. | Ship Captain or Pilot |
| | 355. | Ship Engineer |
| | 356. | Ship Mate |
| | 377. | Tank Car and Truck Loader |
| | 380. | Taxi Driver or Chauffeur |
| | 400. | Transportation Supervisor |
| TTE | 9. | Air Traffic Controller |
| | 52. | Civil Engineering Technician |
| | 58. | Computer Programmer, Numerical Control Tape |
| | 91. | Dispatcher; Except Police, Fire, Ambulance |
| | 95. | Drafter, Mechanical |
| | 106. | Electrical/Electronic Engineering Technologist |
| | 115. | Embalmer |
| | 166. | Industrial Engineering Technician |
| | 190. | Legal Technician (N/E) |
| | 195. | Library Technician |
| | 217. | Mathematical Technician |
| | 220. | Mechanical Engineering Technician |
| | 246. | Nuclear Technician/Technologist |
| | 318. | Radio Operator |
| | 392. | Test Technician |
| | 396. | Title Examiner or Searcher |
| WAE | 18. | Audiovisual Production Specialist |
| | 93. | Displayer, Merchandise |
| | 124. | Film Editor |
| | 177. | Interior Designer |
| | 239. | Movie and TV Camera Operator |
| | 241. | Music Conductor |
| | 243. | Newscaster |
| | 281. | Photographer |
| | 316. | Radio and Television Announcer |
| | 329. | Reporter or Correspondent |

## Occupation/Program Index

The Occupation/Program Index is a listing of VIEW occupations with programs of study that prepare students to enter that specific occupation. The seven-digit number (SOC) is the number assigned to the specific occupation. The six-digit number is the number assigned to the specific program. The occupations are listed in alphabetical order. **All VIEW occupations are not listed**. Ongoing research will expand the crosswalk on an annual basis. Each occupation in the last section of the VIEW Careers has program areas that provide training for that particular occupation. Refer to the VIEW Postsecondary Directory for more information on schools that offer these programs.

| Number | Title |
|---|---|
| **1412100** | **Accountant Or Auditor** |
| 060201 | Accounting |
| 070101 | Accounting, Bookkeeping & Related Programs, General |
| 070199 | Accounting, Bookkeeping & Related Programs, Other |
| **4712990** | **Accounting Specialist/ENL (MIL)** |
| 060201 | Accounting |
| **3240200** | **Actor** |
| 500602 | Cinematography/Film |
| 500501 | Dramatic Arts |
| 500601 | Film Arts, General |
| **1732200** | **Actuary** |
| 270201 | Actuarial Sciences |
| 270301 | Applied Mathematics |
| 270501 | Statistics |
| **4783100** | **Adjustment Clerk** |
| 081001 | Insurance Marketing, General |
| **1370100** | **Administrative Services Manager** |
| 500704 | Arts Management |
| 060101 | Business & Management, General |
| 060401 | Business Administration & Management |
| 060499 | Business Administration & Management, Other |
| 069999 | Business & Management, Other |
| 440201 | Community Services |
| 060402 | Contract Management & Procurement/Purchasing |
| 430103 | Criminal Justice Administration |
| 060901 | International Business Management |
| 440301 | International Public Service |
| 060403 | Product Management |
| 440401 | Public Administration |
| 440101 | Public Affairs, General |
| 440601 | Public Sanitation |
| 440602 | Public Transportation |
| 440603 | Public Utilities |
| 061801 | Small Business Management |
| 060705 | Transportation Management |
| **4630990** | **Administrative Support Specialist/ENL (MIL)** |
| 070701 | Typing, General Office, & Related Programs, General |
| **2390600** | **Adult Education Teacher** |
| 131201 | Adult & Continuing Education |
| 131301 | Agricultural Education |
| 131302 | Art Education |
| 131303 | Business Education |
| 130301 | Curriculum & Instruction |
| 131304 | Driver & Safety Education |
| 130501 | Educational Media |
| 131305 | English Education |
| 131306 | Foreign Languages Education |
| 131307 | Health Education |
| 131308 | Home Economics Education |
| 131309 | Industrial Arts Education |
| 131310 | Marketing & Distributive Education |
| 131311 | Mathematics Education |
| 131312 | Music Education |
| 131313 | Nutritional Education |
| 131314 | Physical Education |
| 131315 | Reading Education |
| 131316 | Science Education |
| 131205 | Secondary Education |
| 131317 | Social Science Education |
| 131318 | Social Studies Education |
| 131401 | Teaching English As A Second Language |
| 131319 | Technical Education |
| 131320 | Trade & Industrial Education |
| **4662100** | **Advertising Clerk** |
| 090201 | Advertising |

| Number | Title |
|---|---|
| 080201 | Business & Personal Services Marketing, General |
| 061401 | Marketing Management |
| 061499 | Marketing Management & Research, Other |
| 061402 | Marketing Research |
| 090501 | Public Relations |
| 070707 | Receptionist & Communication Systems Operation |
| **4153100** | **Advertising Sales Agent** |
| 090201 | Advertising |
| 080201 | Business & Personal Services Marketing, General |
| 061401 | Marketing Management |
| 061499 | Marketing Management & Research, Other |
| 061402 | Marketing Research |
| 090501 | Public Relations |
| 061801 | Small Business Management |
| **1622100** | **Aeronautical Engineer** |
| 140201 | Aerospace, Aeronautical, & Astronautical Engineering |
| **1622300** | **Aerospace Engineer** |
| 140201 | Aerospace, Aeronautical, & Astronautical Engineering |
| **1853700** | **Agricultural & Food Scientist** |
| 020101 | Agricultural Sciences, General |
| 029999 | Agriculture Sciences, Other |
| 020402 | Agronomy |
| 020202 | Animal Breeding & Genetics |
| 020203 | Animal Health |
| 020204 | Animal Nutrition |
| 020201 | Animal Science, General |
| 020299 | Animal Sciences, Other |
| 020206 | Dairy Science |
| 030301 | Fishing & Fisheries, General |
| 020301 | Food Sciences, General |
| 020403 | Horticulture Science |
| 020208 | Livestock Science |
| 020408 | Plant Protection (Pest Management) |
| 020401 | Plant Sciences, General |
| 020499 | Plant Sciences, Other |
| 020209 | Poultry Science |
| 020409 | Range Management |
| 020501 | Soil Sciences, General |
| 030601 | Wildlife Management |
| **1632100** | **Agricultural Engineer** |
| 140301 | Agricultural Engineering |

| Number | Title |
|---|---|
| **3719000** | **Agricultural Engineering Technician** |
| 140301 | Agricultural Engineering |
| **5625100** | **Agricultural Grader Or Sorter** |
| 010401 | Agricultural Products & Processing, General |
| 010402 | Food Products |
| **1853100** | **Agronomist** |
| 020402 | Agronomy |
| 020501 | Soil Sciences, General |
| **3920000** | **Air Traffic Controller** |
| 490105 | Air Traffic Control |
| **3920920** | **Air Traffic Controller/ENL (MIL)** |
| 490105 | Air Traffic Control |
| **8250000** | **Aircraft Pilot Or Flight Engineer** |
| 490102 | Airplane Piloting & Navigation |
| **8250930** | **Airplane Navigator/OFF (MIL)** |
| 490102 | Airplane Piloting & Navigation |
| **8250910** | **Airplane Pilot/OFF (MIL)** |
| 490102 | Airplane Piloting & Navigation |
| **5233600** | **Ambulance Driver Or Attendant** |
| 170205 | Emergency Medical Technology-Ambulance |
| **1855100** | **Anatomist** |
| 260601 | Anatomy |
| 180201 | Clinical Anatomy |
| **2610208** | **Anesthesiologist** |
| 181003 | Anesthesiology |
| **5624100** | **Animal Caretaker** |
| 010502 | Agricultural Services |
| 010504 | Animal Grooming |
| 010506 | Horseshoeing |
| **3690860** | **Animal Health Technician** |
| 020201 | Animal Science, General |
| 170512 | Veterinarian Assisting |
| **1853200** | **Animal Scientist** |
| 010301 | Agricultural Production, General |
| 020201 | Animal Science, General |
| **1919200** | **Anthropologist** |
| 450201 | Anthropology |
| **6856000** | **Apparel Patternmaker** |
| 200301 | Clothing & Apparel Production & Services, General |
| 200305 | Custom Tailoring & Alteration |
| **1919100** | **Archeologist** |
| 450301 | Archeology |
| **1610100** | **Architect** |
| 040201 | Architecture |

| Number | Title |
|---|---|
| 040101 | Architecture & Environmental Design, General |
| 049999 | Architecture & Environmental Design, Other |
| 040401 | Environmental Design |
| **2520350** | **Archivist Or Curator** |
| 250201 | Archival Science |
| 500702 | Art Conservation |
| 250501 | Museology |
| **3039214** | **Art Therapist** |
| 170816 | Recreational Therapy |
| **5524000** | **Artificial Breeding Distributor** |
| 020202 | Animal Breeding & Genetics |
| 020203 | Animal Health |
| 020204 | Animal Nutrition |
| 010302 | Animal Production |
| 020201 | Animal Science, General |
| 020206 | Dairy Science |
| 010104 | Farm & Ranch Management |
| **8250940** | **Artillery Officer/OFF (MIL)** |
| 490102 | Airplane Piloting & Navigation |
| **3250810** | **Artist** |
| 500705 | Drawing |
| 500708 | Painting |
| 500709 | Sculpture |
| **1842000** | **Astronomer** |
| 400201 | Astronomy |
| 400301 | Astrophysics |
| 400802 | Atomic/Molecular Physics |
| 400806 | Nuclear Physics |
| 400807 | Optics |
| 400801 | Physics |
| 400899 | Physics, Other |
| 400901 | Planetary Science |
| 400808 | Solid State Physics |
| **3400300** | **Athletic Trainer** |
| 170813 | Physical Therapy |
| **7479000** | **Audio-visual Technician** |
| 100101 | Educational Media Technology |
| 470401 | Electromechanical, Hydraulic, & Pneumatic Repair |
| **3034000** | **Audiologist** |
| 180101 | Audiology |
| 180102 | Speech Pathology |
| 180103 | Speech Pathology/Audiology |
| **3290220** | **Audiovisual Production Specialist** |
| 100102 | Motion Picture Technology |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| **3210200** | **Author** |
| 090301 | Communications Research |
| 090101 | Communications, General |
| 099999 | Communications, Other |
| 230401 | Composition |
| 230501 | Creative Writing |
| 230101 | English, General |
| 090401 | Journalism (Mass Communications) |
| 090601 | Radio/Television News Broadcast |
| 090701 | Radio/Television, General |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| 231001 | Speech, Debate, & Forensics |
| 231101 | Technical & Business Writing |
| **6111000** | **Automobile Mechanic** |
| 470604 | Automotive Mechanics |
| 150803 | Automotive Technology |
| **6115000** | **Automotive Body Repairer** |
| 470603 | Automotive Body Repair |
| **5134229** | **Bailiff** |
| 430101 | Correctional Administration |
| 430102 | Corrections |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| 430199 | Criminal Justice, Other |
| 430106 | Forensic Science |
| 430107 | Law Enforcement |
| 430108 | Law Enforcement Administration |
| **6872000** | **Baker** |
| 200401 | Food Production, Management, & Services, General |
| 200499 | Food Production, Management, & Services, Other |
| **5214200** | **Baker, Bread & Pastry** |
| 200401 | Food Production, Management, & Services, General |
| 200499 | Food Production, Management, & Services, Other |
| 200406 | Food Service |
| **4791000** | **Bank Teller** |
| 070205 | Teller |
| **5252000** | **Barber** |
| 120402 | Barbering |
| **5212100** | **Bartender** |
| 120202 | Bartending |

| Number | Title |
|---|---|
| 080905 | Waiter/Waitress & Related Services |
| **6179000** | **Bicycle Repairer** |
| 470401 | Electromechanical, Hydraulic, & Pneumatic Repair |
| **4786000** | **Bill & Account Collector** |
| 080401 | Financial Services Marketing, General |
| **4715100** | **Billing Clerk** |
| 070701 | Typing, General Office, & Related Programs, General |
| **4718100** | **Billing Or Posting Machine Operator** |
| 080902 | Marketing Of Hotel/Motel Services |
| 070701 | Typing, General Office, & Related Programs, General |
| **7449200** | **Bindery Machine Operator Or Setter** |
| 480201 | Graphic & Printing Communications, General |
| **1854200** | **Biochemist** |
| 260201 | Biochemistry & Biophysics |
| 180202 | Clinical Biochemistry |
| **3820200** | **Biological Or Agricultural Technologist** |
| 020402 | Agronomy |
| 020201 | Animal Science, General |
| 010601 | Horticulture, General |
| **1854300** | **Biologist** |
| 260601 | Anatomy |
| 260302 | Bacteriology |
| 180299 | Basic Clinical Health Sciences, Other |
| 260201 | Biochemistry & Biophysics |
| 260101 | Biology, General |
| 260602 | Biometrics & Biostatistics |
| 260301 | Botany, General |
| 260401 | Cell Biology |
| 180201 | Clinical Anatomy |
| 180202 | Clinical Biochemistry |
| 180203 | Clinical Microbiology |
| 180204 | Clinical Pathology |
| 260603 | Ecology |
| 260604 | Embryology |
| 260605 | Endocrinology |
| 260702 | Entomology |
| 260703 | Genetics, Human & Animal |
| 260606 | Histology |
| 269999 | Life Sciences, Other |
| 260607 | Marine Biology |
| 260501 | Microbiology |
| 260699 | Miscellaneous Specialized Areas, Life Sciences, Other |
| 260402 | Molecular Biology |
| 260608 | Neurosciences |
| 260609 | Nutritional Sciences |
| 260610 | Parasitology |
| 260704 | Pathology, Human & Animal |
| 260705 | Pharmacology, Human & Animal |
| 180205 | Physiology |
| 260706 | Physiology, Human & Animal |
| 260304 | Plant Genetics |
| 260305 | Plant Pathology |
| 260307 | Plant Physiology |
| 260611 | Radiobiology |
| 260612 | Toxicology |
| 260701 | Zoology, General |
| **6171600** | **Biomedical Equipment Repairer (N/E)** |
| 150401 | Biomedical Equipment Technology |
| **3890000** | **Biomedical Equipment Technician (N/E)** |
| 150401 | Biomedical Equipment Technology |
| **7668100** | **Boiler Operator** |
| 470501 | Stationary Energy Sources, General |
| **4712100** | **Bookkeeping Or Accounting Clerk** |
| 060201 | Accounting |
| **1854400** | **Botanist** |
| 260301 | Botany, General |
| 260305 | Plant Pathology |
| 260307 | Plant Physiology |
| **6412000** | **Brickmason** |
| 460102 | Brick, Block, & Stonemasonry |
| **3930300** | **Broadcast Technician** |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| **4699200** | **Brokerage Clerk** |
| 070701 | Typing, General Office, & Related Programs, General |
| 070799 | Typing, General Office, & Related Programs, Other |
| **5730100** | **Bucker Or Faller** |

| Number | Title |
|---|---|
| 030404 | Forest Products Processing Technology |
| 030401 | Forestry Production & Processing, General |
| 030405 | Logging |
| **1419212** | **Budget Analyst** |
| 060301 | Banking & Finance |
| 061901 | Taxation |
| **8215000** | **Bus Driver** |
| 490205 | Truck & Bus Driving |
| **6871000** | **Butcher** |
| 010402 | Food Products |
| 480402 | Meatcutting |
| 480403 | Slaughtering & Butchering |
| **6171100** | **Camera & Photographic Equipment Repairer** |
| 470401 | Electromechanical, Hydraulic, & Pneumatic Repair |
| **7759200** | **Cannery Worker** |
| 010401 | Agricultural Products & Processing, General |
| **8241205** | **Captain, Fishing Vessel** |
| 490302 | Barge & Boat Operation |
| **2610211** | **Cardiologist** |
| 181010 | Internal Medicine |
| 181001 | Medicine, General |
| 181022 | Preventive Medicine |
| **4630100** | **Career Guidance Technician (N/E)** |
| 250301 | Library Assisting |
| **6422000** | **Carpenter** |
| 460201 | Carpentry |
| **6462000** | **Carpet Installer** |
| 460405 | Floor Covering Installation |
| **1644000** | **Cartographer** |
| 142601 | Surveying & Mapping Sciences |
| **3734300** | **Cartographic Technician** |
| 150203 | Surveying & Mapping Technology |
| **3250211** | **Cartoonist** |
| 500705 | Drawing |
| **4364100** | **Cashier** |
| 080705 | Retailing |
| **6422200** | **Ceiling Tile Installer** |
| 460201 | Carpentry |
| **5211200** | **Chef** |
| 200401 | Food Production, Management, & Services, General |
| **1626100** | **Chemical Engineer** |
| 140701 | Chemical Engineering |

| Number | Title |
|---|---|
| **3832400** | **Chemical Radiation Technician** |
| 410201 | Nuclear Materials Handling Technology |
| **1845200** | **Chemist** |
| 400502 | Analytical Chemistry |
| 400501 | Chemistry, General |
| 400599 | Chemistry, Other |
| 400503 | Inorganic Chemistry |
| 400504 | Organic Chemistry |
| 400505 | Pharmaceutical Chemistry |
| 400506 | Physical Chemistry |
| **3620000** | **Chemistry Technologist** |
| 170309 | Medical Laboratory Technology |
| **5264100** | **Child Care Aide** |
| 200201 | Child Care & Guidance Management & Services, General |
| 200102 | Child Development, Care, & Guidance |
| 200204 | Foster Care/Family Care |
| **5060100** | **Child Care Worker, Private Household** |
| 200102 | Child Development, Care, & Guidance |
| **2890100** | **Chiropractor** |
| 180301 | Chiropractic |
| **3270000** | **Choreographer** |
| 500301 | Dance |
| **1628100** | **Civil Engineer** |
| 140801 | Civil Engineering |
| **3711300** | **Civil Engineering Technician** |
| 150299 | Civil Technologies, Other |
| 150201 | Civil Technology |
| **5070100** | **Cleaner, Private Household** |
| 200601 | Institutional, Home Management, Supporting Services |
| **2042000** | **Clergy** |
| 390201 | Bible Studies |
| 390101 | Biblical Languages |
| 300201 | Clinical Pastoral Care |
| 390301 | Missionary Studies |
| 390401 | Religious Education |
| 390501 | Religious Music |
| 380201 | Religious Studies |
| 390601 | Theological Studies |
| 399999 | Theology, Other |
| **3220232** | **Cloth Designer** |
| 500499 | Design, Other |

| Number | Title |
|---|---|
| **3400100** | **Coach** |
| 131314 | Physical Education |
| **7720300** | **Coil Winder Or Taper/Finisher** |
| 470101 | Electrical & Electronics Equipment Repair, General |
| 470105 | Industrial Electronics |
| **6179500** | **Coin & Vending Machine Servicer Or Repairer** |
| 470101 | Electrical & Electronics Equipment Repair, General |
| 470109 | Vending & Recreational Machine Repair |
| **1281400** | **College Or University Administrator** |
| 130407 | Community College Education Administration |
| 130406 | Higher Education Administration |
| **2200000** | **College Or University Faculty Member** |
| 131201 | Adult & Continuing Education |
| 130301 | Curriculum & Instruction |
| 130101 | Education, General |
| 130501 | Educational Media |
| 131401 | Teaching English As A Second Language |
| **7329100** | **Combination Machine Tool Setter Or Operator** |
| 480503 | MachineTool Operation/Machine Shop |
| **3250800** | **Commercial Artist** |
| 480203 | Commercial Art |
| **3220214** | **Commercial Designer** |
| 480203 | Commercial Art |
| 500401 | Design, General |
| **1341100** | **Communications Manager** |
| 500704 | Arts Management |
| 060101 | Business & Management, General |
| 060401 | Business Administration & Management |
| 060499 | Business Administration & Management, Other |
| 069999 | Business & Management, Other |
| 440201 | Community Services |
| 430103 | Criminal Justice Administration |
| 060901 | International Business Management |
| 440301 | International Public Service |
| 060403 | Product Management |
| 440401 | Public Administration |
| 440101 | Public Affairs, General |
| 440601 | Public Sanitation |
| 440602 | Public Transportation |
| 440603 | Public Utilities |
| 061801 | Small Business Management |
| 060705 | Transportation Management |
| **3990600** | **Communications Technician** |
| 100102 | Motion Picture Technology |
| 100103 | Photographic Technology |
| **1473700** | **Compliance & Enforcement Inspector** |
| 150701 | Occupational Safety & Health Technology |
| **3230100** | **Composer** |
| 500904 | Music Composition |
| 500902 | Music History & Appreciation |
| 500903 | Music Performance |
| 500901 | Music, General |
| **4612000** | **Computer Operator** |
| 070302 | Business Computer & Console Operations |
| 070301 | Business Data Processing & Related Programs, General |
| 070305 | Business Data Programming |
| **3971000** | **Computer Programmer (N/E)** |
| 070301 | Business Data Processing & Related Programs, General |
| 070305 | Business Data Programming |
| 070306 | Business Systems Analysis |
| 110101 | Computer & Information Sciences, General |
| 119999 | Computer & Information Sciences, Other |
| 110201 | Computer Programming |
| 110301 | Data Processing |
| 110401 | Information Sciences & Systems |
| 061201 | Management Information Systems |
| 110501 | Systems Analysis |
| **3974100** | **Computer Programmer, Numerical Control Tape** |
| 070305 | Business Data Programming |
| 3972000 | ComputerProgrammer, Scientific |
| 070305 | Business Data Programming |
| 110201 | Computer Programming |
| 110301 | Data Processing |
| **1712000** | **Computer Systems Analyst (N/E)** |
| 070301 | Business Data Processing & Related Programs, General |

| Number | Title |
|---|---|
| 070305 | Business Data Programming |
| 070306 | Business Systems Analysis |
| 110101 | Computer & Information Sciences, General |
| 119999 | Computer & Information Sciences, Other |
| 110201 | Computer Programming |
| 110301 | Data Processing |
| 110401 | Information Sciences & Systems |
| 061201 | Management Information Systems |
| 110501 | Systems Analysis |
| **3719500** | **Computer-Aided Design Technician** |
| 150301 | Computer Technology |
| 150202 | Drafting & Design Technology |
| 480101 | Drafting, General |
| **6463100** | **Concrete & Terrazzo Finisher** |
| 460102 | Brick, Block, & Stonemasonry |
| **1472100** | **Construction Inspector** |
| 150101 | Architectural Design & Construction Technology |
| 460401 | Building Maintenance |
| **1330100** | **Construction Manager** |
| 150101 | Architectural Design & Construction Technology |
| 060401 | Business Administration & Management |
| **6300100** | **Construction Supervisor** |
| 062001 | Trade, Industrial Supervision & Management |
| **5214100** | **Cook, Institution Or Cafeteria** |
| 200403 | Chef/Cook |
| 200401 | Food Production, Management, & Services, General |
| 200499 | Food Production, Management, & Services, Other |
| 200406 | Food Service |
| **5040000** | **Cook, Private Household** |
| 200401 | Food Production, Management, & Services, General |
| 200499 | Food Production, Management, & Services, Other |
| 200406 | Food Service |
| **5214000** | **Cook, Restaurant** |
| 200403 | Chef/Cook |
| 200401 | Food Production, Management, & Services, General |
| 200499 | Food Production, Management, & Services, Other |

| Number | Title |
|---|---|
| 200406 | Food Service |
| **5215000** | **Cook, Short-Order** |
| 200401 | Food Production, Management, & Services, General |
| 200406 | Food Service |
| **5133000** | **Corrections Officer Or Jailer** |
| 430101 | Correctional Administration |
| 430102 | Corrections |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| 430199 | Criminal Justice, Other |
| 430106 | Forensic Science |
| 430107 | Law Enforcement |
| 430108 | Law Enforcement Administration |
| **5253200** | **Cosmetologist/Hairdresser** |
| 120402 | Barbering |
| 120403 | Cosmetology |
| **1490400** | **Cost Estimator** |
| 150101 | Architectural Design & Construction Technology |
| 060401 | Business Administration & Management |
| 060501 | Business Economics |
| 469999 | Construction Trades, Other |
| 060402 | Contract Management & Procurement/Purchasing |
| 150603 | Industrial Technology |
| **4716100** | **Cost Or Rate Clerk** |
| 070701 | Typing, General Office, & Related Programs, General |
| **4363100** | **Counter & Rental Clerk** |
| 080705 | Retailing |
| **4799200** | **Court Clerk** |
| 220103 | Legal Assisting |
| **8315100** | **Crane & Tower Operator** |
| 490202 | Construction Equipment Operation |
| 490299 | Vehicle & Equipment Operation, Other |
| **1419244** | **Credit Analyst** |
| 080401 | Financial Services Marketing, General |
| **4799100** | **Credit Authorizer** |
| 080401 | Financial Services Marketing, General |
| **4783200** | **Credit Checker** |
| 080401 | Financial Services Marketing, General |

| Number | Title |
|---|---|
| **4642300** | **Credit Or Loan Clerk** |
| 080401 | Financial Services Marketing, General |
| 070701 | Typing, General Office, & Related Programs, General |
| **5269268** | **Cruise Director** |
| 310201 | Outdoor Recreation |
| 310101 | Parks & Recreation, General |
| 310301 | Parks & Recreation Management |
| **664100** | **Crushing & Mixing Machine Operator** |
| 010401 | Agricultural Products & Processing, General |
| **6852000** | **Custom Tailor Or Sewer** |
| 200301 | Clothing & Apparel Production & Services, General |
| 200304 | Custom Apparel/Garment Seamstress |
| 200305 | Custom Tailoring & Alteration |
| **4758100** | **Customer Service Clerk** |
| 080102 | Fashion Merchandising |
| **1719200** | **Customer Support Specialist (N/E)** |
| 070301 | Business Data Processing & Related Programs, General |
| **3620300** | **Cytotechnologist (N/E)** |
| 170306 | Cytotechnology |
| **3270100** | **Dancer** |
| 500301 | Dance |
| **4793000** | **Data Entry Keyer** |
| 070303 | Business Data Entry Equipment Operation |
| 070301 | Business Data Processing & Related Programs, General |
| **4793100** | **Data Keyer, Composing (N/E)** |
| 480201 | Graphic & Printing Communications, General |
| **6154000** | **Data Processing Equipment Repairer (N/E)** |
| 470104 | Computer Electronics |
| 150402 | Computer Servicing Technology |
| **5232000** | **Dental Assistant (N/E)** |
| 170101 | Dental Assisting |
| **3630000** | **Dental Hygienist (N/E)** |
| 170102 | Dental Hygiene |
| **6865000** | **Dental Laboratory Technician** |
| 170103 | Dental Laboratory Technology |
| 170199 | Dental Services, Other |

| Number | Title |
|---|---|
| **2620000** | **Dentist** |
| 181701 | Pre-Dentistry |
| **2610214** | **Dermatoligist** |
| 181005 | Dermatology |
| **3220800** | **Designer, Except Interior Designer** |
| 500401 | Design, General |
| 500402 | Graphic Design |
| 500403 | Illustration Design |
| 500404 | Industrial Design |
| **3690870** | **Diagnostic Medical Sonographer** |
| 170212 | Ultrasound Technology |
| **3690400** | **Dialysis Technician (N/E)** |
| 170202 | Dialysis Technology |
| **6112000** | **Diesel Engine Mechanic** |
| 470605 | Diesel Engine Mechanics |
| **3020300** | **Dietician Or Nutritionist** |
| 200404 | Dietetic Aid/Assisting |
| 190503 | Dietetics/Human Nutritional Services |
| 190501 | Food Sciences & Human Nutrition, General |
| 190599 | Food Sciences & Human Nutrition, Other |
| 190502 | Food/Food Sciences |
| **3020902** | **Dietician/OFF (MIL)** |
| 190503 | Dietetics/Human Nutritional Services |
| 190501 | Food Sciences & Human Nutrition, General |
| 190599 | Food Sciences & Human Nutrition, Other |
| 190502 | Food/Food Sciences |
| **4613100** | **Digitizer Operator (N/E)** |
| 070304 | Business Data Peripheral Equipment Operation |
| **2049100** | **Director Of Religious Activities** |
| 390201 | Bible Studies |
| 390101 | Biblical Languages |
| 300201 | Clinical Pastoral Care |
| 390301 | Missionary Studies |
| 390401 | Religious Education |
| 390501 | Religious Music |
| 380201 | Religious Studies |
| 390601 | Theological Studies |
| 399999 | Theology, Other |

| Number | Title |
|---|---|
| **3240232** | **Director, Casting** |
| 500602 | Cinematography/Film |
| 500501 | Dramatic Arts |
| 500601 | Film Arts, General |
| **3240217** | **Director, Motion Picture** |
| 500602 | Cinematography/Film |
| 500501 | Dramatic Arts |
| 500601 | Film Arts, General |
| **4751200** | **Dispatcher; Police, Fire, Ambulance** |
| 090101 | Communications, General |
| 070707 | Receptionist & Communication Systems Operation |
| **3220274** | **Displayer, Merchandise** |
| 080201 | Business & Personal Services Marketing, General |
| **6179300** | **Diver** |
| 490304 | Deep Water Diving & Life Support Systems |
| **3720400** | **Drafter** |
| 150202 | Drafting & Design Technology |
| 480101 | Drafting, General |
| 480199 | Drafting, Other |
| **3720247** | **Drafter, Mechanical** |
| 480102 | Architectural Drafting |
| 480103 | Civil/Structural Drafting |
| 150202 | Drafting & Design Technology |
| 480104 | Electrical/Electronics Drafting |
| 480105 | Mechanical Drafting |
| 150203 | Surveying & Mapping Technology |
| **1360100** | **Drilling & Mining Manager** |
| 060401 | Business Administration & Management |
| 150999 | Mining & Petroleum Technologies, Other |
| **7318100** | **Drilling Or Boring Machine Setter Or Set-up Operator** |
| 480503 | Machine Tool Operation/Machine Shop |
| **6424000** | **Drywall Installer** |
| 460404 | Drywall Installation |
| **4720100** | **Duplicating Machine Operator** |
| 060401 | Business Administration & Management |
| 070705 | General Office Clerk |
| 070707 | Receptionist & Communication Systems Operation |
| 070701 | Typing, General Office, & Related Programs, General |

| Number | Title |
|---|---|
| **6474100** | **Earth Driller, Except Oil & Gas** |
| 490202 | Construction Equipment Operation |
| 490299 | Vehicle & Equipment Operation, Other |
| **1912100** | **Economist Or Market Analyst** |
| 010103 | Agricultural Economics |
| 060501 | Business Economics |
| 450601 | Economics |
| **3312500** | **Editor** |
| 090301 | Communications Research |
| 090101 | Communications, General |
| 099999 | Communications, Other |
| 230401 | Composition |
| 230501 | Creative Writing |
| 230101 | English, General |
| 090401 | Journalism (Mass Communications) |
| 090601 | Radio/Television News Broadcast |
| 090701 | Radio/Television, General |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| 231001 | Speech, Debate, & Forensics |
| 231101 | Technical & Business Writing |
| **3312250** | **Editorial Assistant** |
| 090301 | Communications Research |
| 090101 | Communications, General |
| 099999 | Communications, Other |
| 230401 | Composition |
| 230501 | Creative Writing |
| 230101 | English, General |
| 090401 | Journalism (Mass Communications) |
| 090601 | Radio/Television News Broadcast |
| 090701 | Radio/Television, General |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| 231001 | Speech, Debate, & Forensics |
| 231101 | Technical & Business Writing |
| **1283300** | **Education Administrator** |
| 130402 | Administration Of Special Education |
| 130403 | Adult & Continuing Education Administration |
| 130407 | Community College Education Administration |
| 130499 | Education Administration, Other |
| 130401 | Education Administration, General |
| 130404 | Educational Supervision |

| Number | Title |
|---|---|
| 130405 | Elementary & Secondary Education Administration |
| 130406 | Higher Education Administration |
| **2360214** | **Educational Specialist** |
| 131201 | Adult & Continuing Education |
| 130301 | Curriculum & Instruction |
| 130501 | Educational Media |
| 131401 | Teaching English As A Second Language |
| **2350100** | **Educational Therapist (N/E)** |
| 131002 | Education Of The Culturally Disadvantaged |
| 131003 | Education Of The Deaf & Hearing Impaired |
| 131005 | Education Of The Emotionally Handicapped |
| 131004 | Education Of The Gifted & Talented |
| 131007 | Education Of The Multiple Handicapped |
| 131008 | Education Of The Physically Handicapped |
| 131009 | Education Of The Visually Handicapped |
| 131010 | Remedial Education |
| 131001 | Special Education, General |
| 131011 | Special Learning Disabilities |
| 131012 | Speech Corrections |
| **6171200** | **Electric Meter Installer Or Repairer** |
| 470401 | Electromechanical, Hydraulic, & Pneumatic Repair |
| **7720200** | **Electrical & Electronic Assembler** |
| 470101 | Electrical & Electronics Equipment Repair, General |
| 470105 | Industrial Electronics |
| **3720300** | **Electrical & Electronic Drafter** |
| 150202 | Drafting & Design Technology |
| 480101 | Drafting, General |
| 480199 | Drafting, Other |
| **6867000** | **Electrical & Electronic Equipment Assembler** |
| 470101 | Electrical & Electronics Equipment Repair, General |
| 150403 | Electromechanical Technology |
| 470105 | Industrial Electronics |

| Number | Title |
|---|---|
| **6156229** | **Electrical Home Appliance & Power Tool Servicer** |
| 470106 | Major Appliance Repair |
| 470108 | Small Appliance Repair |
| **6159100** | **Electrical Installer/Repairer, Transportation Equipment** |
| 460302 | Electrician |
| **6152100** | **Electrical Motor Repairer** |
| 470101 | Electrical & Electronics Equipment Repair, General |
| 470106 | Major Appliance Repair |
| 470107 | Motor Repair |
| 470108 | Small Appliance Repair |
| **1633200** | **Electrical Or Electronics Engineer (N/E)** |
| 140901 | Computer Engineering |
| 141001 | Electrical, Electronics, & Communications Engineering |
| 142701 | Systems Engineering |
| **6433100** | **Electrical Power Installer/ Repairer** |
| 460301 | Electrical & Power Transmission Installation, General |
| 460302 | Electrician |
| 460303 | Lineworker |
| **3711200** | **Electrical/Electronic Engineer Technologist (N/E)** |
| 150303 | Electronic Technology |
| 150404 | Instrumentation Technology |
| 150304 | Laser Electro-Optic Technology |
| **6432000** | **Electrician** |
| 470199 | Electrical & Electronics Equipment Repair, Other |
| 460302 | Electrician |
| **3690100** | **Electrocardiograph Technician** |
| 170201 | Cardiopulmonary Technology |
| 170203 | Electrocardiograph Technology |
| **3690200** | **Electroencephalograph Technician/Technologist** |
| 170204 | Electroencephalograph Technology |
| **6812200** | **Electromechanical Equipment Assembler** |
| 150403 | Electromechanical Technology |
| 470401 | Electromechanical, Hydraulic, & Pneumatic Repair |

| Number | Title |
|---|---|
| **6155100** | **Electronic Home Entertainment Equipment Repairer** |
| 470103 | Communication Electronics |
| 470101 | Electrical & Electronics Equipment Repair, General |
| **6150980** | **Electronic Instrument Repairer/ENL (MIL)** |
| 470101 | Electrical & Electronics Equipment Repair, General |
| 470105 | Industrial Electronics |
| **7679200** | **Electronic Semiconductor Processor** |
| 470105 | Industrial Electronics |
| **6153100** | **Electronics Repairer, Commercial & Industrial Equipment** |
| 470199 | Electrical & Electronics Equipment Repair, Other |
| 150403 | Electromechanical Technology |
| 470105 | Industrial Electronics |
| **6176100** | **Elevator Installer Or Repairer** |
| 470301 | Industrial Equipment Maintenance & Repair, General |
| **3990200** | **Embalmer** |
| 120301 | Funeral Services |
| **3690300** | **Emergency Medical Technician** |
| 170205 | Emergency Medical Technology-Ambulance |
| 170206 | Emergency Medical Technology-Paramedic |
| **3320200** | **Employer Relations Representative** |
| 061101 | Labor/Industrial Relations |
| **1430100** | **Employment Interviewer** |
| 060499 | Business Administration & Management, Other |
| 060601 | Human Resources Development |
| 061101 | Labor/Industrial Relations |
| 061501 | Organizational Behavior |
| 061601 | Personnel Management |
| **6112990** | **Engine Mechanic/ENL (MIL)** |
| 470604 | Automotive Mechanics |
| 150803 | Automotive Technology |
| **1260100** | **Engineering, Mathematical, Or Natural Science Manager** |
| 140201 | Aerospace, Aeronautical, & Astronautical Engineering |
| 140301 | Agricultural Engineering |
| 140401 | Architectural Engineering |
| 140501 | Bioengineering & Biomedical Engineering |
| 140601 | Ceramic Engineering |
| 140701 | Chemical Engineering |
| 140801 | Civil Engineering |
| 140901 | Computer Engineering |
| 141001 | Electrical, Electronics, & Communications Engineering |
| 141101 | Engineering Mechanics |
| 141201 | Engineering Physics |
| 141301 | Engineering Science |
| 140101 | Engineering, General |
| 141401 | Environmental Health Engineering |
| 141501 | Geological Engineering |
| 141601 | Geophysical Engineering |
| 141801 | Materials Engineering |
| 141901 | Mechanical Engineering |
| 142001 | Metallurgical Engineering |
| 142101 | Mining & Mineral Engineering |
| 142201 | Naval Architecture & Marine Engineering |
| 142301 | Nuclear Engineering |
| 142401 | Ocean Engineering |
| 142501 | Petroleum Engineering |
| **6823100** | **Engraver** |
| 480201 | Graphic & Printing Communications, General |
| 480602 | Jewelry Design, Fabrication, & Repair |
| **1853229** | **Entomologist** |
| 260702 | Entomology |
| **1849100** | **Environmental Analyst** |
| 150502 | Air Pollution Control Technology |
| 141401 | Environmental Health Engineering |
| 150506 | Water & Wastewater Technology |
| **8316200** | **Excavating & Loading Machine Operator** |
| 490202 | Construction Equipment Operation |
| **4622232** | **Executive Secretary** |
| 070603 | Executive Secretarial |
| **2390750** | **Farm & Home Management Advisor** |
| 010101 | Agricultural Business & Management, General |
| 010104 | Farm & Ranch Management |
| 200501 | Home Furnishings, Production & Services, General |

| Number | Title |
|---|---|
| 200601 | Institutional, Home Management, Supporting Services |
| **6118100** | **Farm Equipment Mechanic** |
| 010203 | Agricultural Mechanics, Construction, Maintenance , |
| 010201 | Agricultural Mechanics, General |
| 010204 | Agricultural Power Machinery |
| **5616000** | **Farm Equipment Operator** |
| 010201 | Agricultural Mechanics, General |
| 010204 | Agricultural Power Machinery |
| **5522100** | **Farm Manager** |
| 010102 | Agricultural Business |
| 010101 | Agricultural Business & Management, General |
| 010103 | Agricultural Economics |
| 010301 | Agricultural Production, General |
| 020101 | Agricultural Sciences, General |
| 020402 | Agronomy |
| 020202 | Animal Breeding & Genetics |
| 020203 | Animal Health |
| 020204 | Animal Nutrition |
| 010302 | Animal Production |
| 010304 | Crop Production |
| 010104 | Farm & Ranch Management |
| 020208 | Livestock Science |
| **5611100** | **Farm Worker Supervisor** |
| 010101 | Agricultural Business & Management, General |
| 010301 | Agricultural Production, General |
| 010104 | Farm & Ranch Management |
| 020403 | Horticulture Science |
| **5512000** | **Farmer** |
| 010102 | Agricultural Business |
| 010101 | Agricultural Business & Management, General |
| 010103 | Agricultural Economics |
| 010301 | Agricultural Production, General |
| 010399 | Agricultural Production, Other |
| 010302 | Animal Production |
| 010304 | Crop Production |
| **3250214** | **Fashion Artist** |
| 500705 | Drawing |
| 190902 | Fashion Design |
| 500403 | Illustration Design |
| **1250232** | **Fashion Coordinator** |
| 080102 | Fashion Merchandising |
| 200306 | Fashion/Fabric Coordination |
| **3220000** | **Fashion Designer** |

| Number | Title |
|---|---|
| 200301 | Clothing & Apparel Production & Services, General |
| 200305 | Custom Tailoring & Alteration |
| 190902 | Fashion Design |
| **5132217** | **FBI Special Agent** |
| 430101 | Correctional Administration |
| 430102 | Corrections |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| 430199 | Criminal Justice, Other |
| 450401 | Criminology |
| 430106 | Forensic Science |
| 430107 | Law Enforcement |
| 430108 | Law Enforcement Administration |
| **4696000** | **File Clerk** |
| 070705 | General Office Clerk |
| 070707 | Receptionist & Communication Systems Operation |
| 070701 | Typing, General Office, & Related Programs, General |
| 070799 | Typing, General Office, & Related Programs, Other |
| **3312400** | **Film Editor** |
| 100101 | Educational Media Technology |
| 100102 | Motion Picture Technology |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| 509999 | Visual & Performing Arts, Other |
| **1733208** | **Financial Analyst, Statistical** |
| 060301 | Banking & Finance |
| **1220200** | **Financial Manager** |
| 060301 | Banking & Finance |
| 080301 | Entrepreneurship, General |
| 080401 | Financial Services Marketing, General |
| 061901 | Taxation |
| **5123000** | **Fire Fighter** |
| 430203 | Firefighting |
| **5111100** | **Fire Fighter Supervisor** |
| 430201 | Fire Control & Safety Technology |
| 430202 | Fire Protection Administration |
| 430203 | Firefighting |
| **5123990** | **Fire Fighter/ENL (MIL)** |
| 430203 | Firefighting |
| **5122100** | **Fire Inspector** |
| 430201 | Fire Control & Safety Technology |
| **5122223** | **Fire Lookout** |
| 030201 | Conservation & Regulation, General |

| Number | Title |
|---|---|
| 030501 | Forestry & Related Sciences, General |
| **5111214** | **Fire Marshal** |
| 430201 | Fire Control & Safety Technology |
| 430202 | Fire Protection Administration |
| **5134100** | **Fish & Game Warden** |
| 010301 | Agricultural Production, General |
| 030201 | Conservation & Regulation, General |
| 030601 | Wildlife Management |
| **5618100** | **Fish Hatchery Worker** |
| 010301 | Agricultural Production, General |
| 030301 | Fishing & Fisheries, General |
| **5257000** | **Flight Attendant** |
| 490106 | Flight Attendants |
| **6462214** | **Floor Layer** |
| 460405 | Floor Covering Installation |
| **3220300** | **Floral Designer Or Florist** |
| 200504 | Floral Design |
| **5216000** | **Food Counter Worker** |
| 200403 | Chef/Cook |
| 200401 | Food Production, Management, & Services, General |
| 200406 | Food Service |
| 080905 | Waiter/Waitress & Related Services |
| **5217100** | **Food Preparation Worker** |
| 200401 | Food Production, Management, & Services, General |
| 200499 | Food Production, Management, & Services, Other |
| 200406 | Food Service |
| **5211990** | **Food Service Specialist/ENL (MIL)** |
| 200401 | Food Production, Management, & Services, General |
| 200499 | Food Production, Management, & Services, Other |
| 200406 | Food Service |
| **5216226** | **Food Service Worker, Hospital** |
| 200403 | Chef/Cook |
| 080905 | Waiter/Waitress & Related Services |
| **1351400** | **Food Services Manager** |
| 080699 | Food Marketing, Other |
| 060701 | Hotel/Motel Management |
| 060799 | Institutional Management, Other |
| 060702 | Recreational Enterprises Management |

| Number | Title |
|---|---|
| 060703 | Resort Management |
| 060704 | Restaurant Management |
| **1628235** | **Forest Engineer** |
| 140801 | Civil Engineering |
| **1852500** | **Forester Or Conservation Scientist** |
| 030202 | Conservation |
| 030201 | Conservation & Regulation, General |
| 030504 | Forest Engineering |
| 030506 | Forest Management |
| 030501 | Forestry & Related Sciences, General |
| 030599 | Forestry & Related Sciences, Other |
| 030502 | Forestry Science |
| 310101 | Parks & Recreation, General |
| 030101 | Renewable Natural Resources, General |
| 039999 | Renewable Natural Resources, Other |
| 030203 | Resources Protection & Regulation |
| 030509 | Wood Science |
| **5720100** | **Forestry & Conservation Worker** |
| 030202 | Conservation |
| 030201 | Conservation & Regulation, General |
| 030504 | Forest Engineering |
| 030506 | Forest Management |
| 030402 | Forest Production |
| 030404 | Forest Products Processing Technology |
| 030501 | Forestry & Related Sciences, General |
| 030599 | Forestry & Related Sciences, Other |
| 030401 | Forestry Production & Processing, General |
| 030502 | Forestry Science |
| 010601 | Horticulture, General |
| 030101 | Renewable Natural Resources, General |
| 039999 | Renewable Natural Resources, Other |
| 030203 | Resources Protection & Regulation |
| 030509 | Wood Science |

| Number | Title |
|---|---|
| **8726200** | **Freight Handler** |
| 490205 | Truck & Bus Driving |
| 490299 | Vehicle & Equipment Operation, Other |
| **5269100** | **Funeral Attendant** |
| 120301 | Funeral Services |
| **1359211** | **Funeral Director** |
| 120301 | Funeral Services |
| **7720333** | **Furniture Assembler** |
| 200503 | Custom Slipcovering & Upholstering |
| **5622000** | **Gardener Or Groundskeeper** |
| 010601 | Horticulture, General |
| 010605 | Landscaping |
| 010607 | Turf Management |
| **5612100** | **General Farm Worker** |
| 010201 | Agricultural Mechanics, General |
| 010301 | Agricultural Production, General |
| 010399 | Agricultural Production, Other |
| **1210500** | **General Manager Or Chief Executive** |
| 500704 | Arts Management |
| 060101 | Business & Management, General |
| 060401 | Business Administration & Management |
| 060499 | Business Administration & Management, Other |
| 069999 | Business & Management, Other |
| 060501 | Business Economics |
| 440201 | Community Services |
| 430103 | Criminal Justice Administration |
| 060799 | Institutional Management, Other |
| 060901 | International Business Management |
| 440301 | International Public Service |
| 060403 | Product Management |
| 440401 | Public Administration |
| 440101 | Public Affairs, General |
| 440601 | Public Sanitation |
| 440602 | Public Transportation |
| 440603 | Public Utilities |
| 061801 | Small Business Management |
| 060705 | Transportation Management |
| **4630200** | **General Office Clerk** |
| 070701 | Typing, General Office, & Related Programs, General |
| **2610217** | **General Practitioner** |
| 181007 | Family Practice |
| 181010 | Internal Medicine |

| Number | Title |
|---|---|
| **1854500** | **Geneticist (N/E)** |
| 260101 | Biology, General |
| 260703 | Genetics, Human & Animal |
| **1649100** | **Geodesist** |
| 142601 | Surveying & Mapping Sciences |
| **1849200** | **Geographer** |
| 450701 | Geography |
| **1847200** | **Geologist** |
| 400601 | Geology |
| **1847400** | **Geophysicist** |
| 400703 | Earth Science |
| 400602 | Geochemistry |
| 400699 | Geological Sciences, Other |
| 400601 | Geology |
| 400603 | Geophysics & Seismology |
| 400702 | Oceanography |
| **5236200** | **Geriatric Nurse Assistant (N/E)** |
| 170601 | Geriatric Aide |
| 170602 | Nursing Assisting |
| **6464100** | **Glazier** |
| 460406 | Glazing |
| **8317000** | **Grader & Dozer Operator** |
| 490202 | Construction Equipment Operation |
| **7100100** | **Grain Elevator Superintendent** |
| 010401 | Agricultural Products & Processing, General |
| **7643313** | **Graphic Arts Technician** |
| 480201 | Graphic & Printing Communications, General |
| **3220208** | **Graphic Designer** |
| 500402 | Graphic Design |
| **3220991** | **Graphic Designer & Illustrator/ENL (MIL)** |
| 500402 | Graphic Design |
| **7758100** | **Grinder Or Polisher, Hand** |
| 480504 | Metal Fabrication |
| **7322100** | **Grinding & Buffing Machine Tool Setter Or Operator** |
| 480503 | Machine Tool Operation/Machine Shop |
| **5144300** | **Guard** |
| 430109 | Security Services |
| **5113100** | **Guard Supervisor** |
| 430109 | Security Services |
| **2400410** | **Guidance Counselor** |
| 130801 | School Psychology |
| 131101 | Student Counseling & Personnel Services |

| Number | Title |
|---|---|
| **5255200** | **Guide** |
| 080901 | Hospitality & Recreation Marketing, General |
| 081104 | Tourism |
| **2610226** | **Gynecologist** |
| 181013 | Obstetrics & Gynecology |
| **7753100** | **Hand Cutter Or Trimmer** |
| 460406 | Glazing |
| **7756100** | **Hand Painting, Coating & Decorating Worker** |
| 460408 | Painting & Decorating |
| **7759100** | **Hand Presser** |
| 200301 | Clothing & Apparel Production & Services, General |
| 120101 | Drycleaning & Laundering Services, General |
| **6414100** | **Hard Tile Setter** |
| 460101 | Brickmasonry, Stonemasonry, & Tile Setting, General |
| 460103 | Tile Setting |
| **1310982** | **Health Service Administrator/ OFF (MIL)** |
| 180701 | Health Care Administration |
| **7544100** | **Heat Treating Equipment Operator** |
| 480503 | Machine Tool Operation/Machine Shop |
| **6160900** | **Heating & Cooling Mechanic/ ENL (MIL)** |
| 470202 | Cooling & Refrigeration |
| 470203 | Heating & Air Conditioning |
| 470201 | Heating, Air Conditioning, & Refrigeration, General |
| **6160100** | **Heating, Air-conditioning, & Refrigeration Mechanic** |
| 150501 | Air Conditioning, Heating, Refrigeration Technology |
| 470202 | Cooling & Refrigeration |
| 470203 | Heating & Air Conditioning |
| 470201 | Heating, Air Conditioning, & Refrigeration, General |
| 150505 | Solar Heating & Cooling Technology |
| **6117100** | **Heavy Equipment Mechanic** |
| 470302 | Heavy Equipment Maintenance & Repair |
| 470301 | Industrial Equipment Maintenance & Repair, General |
| **6117900** | **Heavy Equipment Mechanic/ ENL (MIL)** |
| 470301 | Industrial Equipment Maintenance & Repair, General |
| **8213000** | **Heavy Truck Driver** |
| 490205 | Truck & Bus Driving |
| **8250920** | **Helicopter Pilot/OFF (MIL)** |
| 490102 | Airplane Piloting & Navigation |
| **3620500** | **Histology Technician** |
| 260606 | Histology |
| **1913300** | **Historian** |
| 450801 | History |
| **8314100** | **Hoist & Winch Operator** |
| 490202 | Construction Equipment Operation |
| **5236300** | **Home Health Aide (N/E)** |
| 170402 | Community Health Work |
| 170404 | Home Health Aide |
| 200601 | Institutional, Home Management, Supporting Services |
| 170406 | Mental Health/Human Services Technology |
| 170602 | Nursing Assisting |
| 170699 | Nursing-Related Services, Other |
| **3690850** | **Home Health Technician** |
| 170402 | Community Health Work |
| 170406 | Mental Health/Human Services Technology |
| **1853500** | **Horticulturist** |
| 010603 | Floriculture |
| 020403 | Horticulture Science |
| 010601 | Horticulture, General |
| **1210223** | **Hospital Administrator** |
| 060401 | Business Administration & Management |
| 180701 | Health Care Administration |
| **5211100** | **Host Or Hostess** |
| 080901 | Hospitality & Recreation Marketing, General |
| 080905 | Waiter/Waitress & Related Services |
| **4643000** | **Hotel Or Motel Desk Clerk** |
| 060701 | Hotel/Motel Management |
| 080902 | Marketing Of Hotel/Motel Services |
| **1351300** | **Hotel Or Motel Manager** |
| 060701 | Hotel/Motel Management |
| 060799 | Institutional Management, Other |

| Number | Title |
|---|---|
| 060702 | Recreational Enterprises Management |
| 060703 | Resort Management |
| 060704 | Restaurant Management |
| **5050100** | **Housekeeper Or Butler** |
| 200601 | Institutional, Home Management, Supporting Services |
| **5241100** | **Housekeeper, Institutional** |
| 080999 | Hospitality & Recreation Marketing, Other |
| 200601 | Institutional, Home Management, Supporting Services |
| 170599 | Miscellanous Allied Health Services, Other |
| **1132400** | **Human Resources Program Administrator** |
| 060601 | Human Resources Development |
| 440401 | Public Administration |
| 440101 | Public Affairs, General |
| **3250220** | **Illustrator, Medical & Scientific** |
| 500705 | Drawing |
| 500403 | Illustration Design |
| **3220241** | **Industrial Designer** |
| 500404 | Industrial Design |
| **3712000** | **Industrial Engineering Technician** |
| 469999 | Construction Trades, Other |
| 150603 | Industrial Technology |
| **6130200** | **Industrial Machinery Mechanic** |
| 470301 | Industrial Equipment Maintenance & Repair, General |
| 150506 | Water & Wastewater Technology |
| **1320300** | **Industrial Production Manager** |
| 500704 | Arts Management |
| 060101 | Business & Management, General |
| 060401 | Business Administration & Management |
| 060499 | Business Administration & Management, Other |
| 069999 | Business & Management, Other |
| 440201 | Community Services |
| 060402 | Contract Management & Procurement/Purchasing |
| 430103 | Criminal Justice Administration |
| 150603 | Industrial Technology |
| 060901 | International Business Management |
| 440301 | International Public Service |
| 060403 | Product Management |

| Number | Title |
|---|---|
| 440401 | Public Administration |
| 440101 | Public Affairs, General |
| 440601 | Public Sanitation |
| 440602 | Public Transportation |
| 440603 | Public Utilities |
| 061801 | Small Business Management |
| 060705 | Transportation Management |
| **8318100** | **Industrial Truck Or Tractor Operator** |
| 490205 | Truck & Bus Driving |
| 490299 | Vehicle & Equipment Operation, Other |
| **1719100** | **Information Scientist (N/E)** |
| 110201 | Computer Programming |
| 110401 | Information Sciences & Systems |
| 110501 | Systems Analysis |
| **6881400** | **Inspector, Tester & Grader** |
| 150702 | Quality Control Technology |
| **2360100** | **Instructional Coordinator** |
| 131201 | Adult & Continuing Education |
| 130301 | Curriculum & Instruction |
| 130501 | Educational Media |
| 130404 | Educational Supervision |
| 131401 | Teaching English As A Second Language |
| **6813205** | **Instrument Maker** |
| 470401 | Electromechanical, Hydraulic, & Pneumatic Repair |
| **6465100** | **Insulation Worker** |
| 460407 | Insulation Installation |
| **4782100** | **Insurance Adjuster** |
| 060801 | Insurance & Risk Management |
| 081001 | Insurance Marketing, General |
| **4782200** | **Insurance Claim Clerk** |
| 081001 | Insurance Marketing, General |
| 070701 | Typing, General Office, & Related Programs, General |
| **1473100** | **Insurance Claim Examiner** |
| 060801 | Insurance & Risk Management |
| 081001 | Insurance Marketing, General |
| **4699100** | **Insurance Policy Processing Clerk** |
| 081001 | Insurance Marketing, General |
| 070701 | Typing, General Office, & Related Programs, General |
| **4122000** | **Insurance Sales Agent** |
| 060801 | Insurance & Risk Management |
| 081001 | Insurance Marketing, General |

| Number | Title |
|---|---|
| **3220600** | **Interior Designer** |
| 200501 | Home Furnishings, Production & Services, General |
| 040501 | Interior Design |
| **3210229** | **Interpreter** |
| 160101 | Foreign Languages, Multiple Emphasis |
| **3290910** | **Interpreter & Translator/ENL (MIL)** |
| 160201 | African (non-semitic) Languages |
| 161101 | Arabic |
| 160399 | Asiatic Languages, Other |
| 160301 | Chinese |
| 160101 | Foreign Languages, Multiple Emphasis |
| 160901 | French |
| 160501 | German |
| 160601 | Greek (Classical) |
| 161102 | Hebrew |
| 160902 | Italian |
| 160302 | Japanese |
| 160903 | Latin |
| 161001 | Native American Languages |
| 160904 | Portuguese |
| 160402 | Russian |
| 160502 | Scandinavian Languages |
| 160905 | Spanish |
| **3290100** | **Interpreter Or Translator** |
| 160201 | African (non-semitic) Languages |
| 161101 | Arabic |
| 160399 | Asiatic Languages, Other |
| 160301 | Chinese |
| 160101 | Foreign Languages, Multiple Emphasis |
| 160901 | French |
| 160501 | German |
| 160601 | Greek (Classical) |
| 161102 | Hebrew |
| 160902 | Italian |
| 160302 | Japanese |
| 160903 | Latin |
| 161001 | Native American Languages |
| 160904 | Portuguese |
| 160402 | Russian |
| 160502 | Scandinavian Languages |
| 160905 | Spanish |
| 070707 | Receptionist & Communication Systems Operation |

| Number | Title |
|---|---|
| **5242100** | **Janitor Or Maid Or Cleaner** |
| 200601 | Institutional, Home Management, Supporting Services |
| **6822100** | **Jeweler Or Silversmith** |
| 480602 | Jewelry Design, Fabrication, & Repair |
| **6841200** | **Job Printer** |
| 480201 | Graphic & Printing Communications, General |
| 480208 | Printing Press Operations |
| **2120200** | **Judge** |
| 220101 | Law |
| 220199 | Law, Other |
| **4759235** | **Laboratory Clerk** |
| 081106 | Warehouse Services Marketing |
| **3831600** | **Laboratory Tester** |
| 150999 | Mining & Petroleum Technologies, Other |
| 150702 | Quality Control Technology |
| **1610200** | **Landscape Architect** |
| 040601 | Landscape Architecture |
| **5515100** | **Landscape Gardener** |
| 020403 | Horticulture Science |
| 010601 | Horticulture, General |
| **3890300** | **Laser Technician (N/E)** |
| 150304 | Laser Electro-Optic Technology |
| **7312100** | **Lathe & Turning Machine Set-up Operator** |
| 480503 | Machine Tool Operation/Machine Shop |
| **6424205** | **Lather** |
| 460201 | Carpentry |
| **7658100** | **Laundry & Drycleaning Machine Operator** |
| 120101 | Drycleaning & Laundering Services, General |
| **2110000** | **Lawyer** |
| 220101 | Law |
| 220199 | Law, Other |
| **6821205** | **Layout Worker I, Machine Shop** |
| 480503 | Machine Tool Operation/Machine Shop |
| **4622000** | **Legal Secretary** |
| 070604 | Legal Secretarial |
| 070606 | Secretarial |
| **3960000** | **Legal Technician (N/E)** |
| 220103 | Legal Assisting |
| **1139215** | **Legislative Assistant** |

| Number | Title |
|---|---|
| 060499 | Business Administration & Management, Other |
| **7443200** | **Letterpress Setter Or Set-up Operator** |
| 480201 | Graphic & Printing Communications, General |
| 480208 | Printing Press Operations |
| **2510100** | **Librarian** |
| 250101 | Library & Archival Sciences, General |
| 259999 | Library & Archival Sciences, Other |
| 250401 | Library Science, General |
| **4694100** | **Library Assistant** |
| 250301 | Library Assisting |
| **3990500** | **Library Technician** |
| 250301 | Library Assisting |
| **4787000** | **License Clerk** |
| 070705 | General Office Clerk |
| 070707 | Receptionist & Communication Systems Operation |
| 070701 | Typing, General Office, & Related Programs, General |
| **3660000** | **Licensed Practical Nurse** |
| 170605 | Practical Nursing |
| **8214000** | **Light Truck Driver** |
| 490205 | Truck & Bus Driving |
| **6150995** | **Line Installer Or Repairer/ENL (MIL)** |
| 460301 | Electrical & Power Transmission Installation, General |
| 460302 | Electrician |
| **5617000** | **Livestock Worker** |
| 010301 | Agricultural Production, General |
| **1415000** | **Loan Officer Or Counselor** |
| 060301 | Banking & Finance |
| 080401 | Financial Services Marketing, General |
| 061901 | Taxation |
| **3320205** | **Lobbyist** |
| 090201 | Advertising |
| 061401 | Marketing Management |
| 061499 | Marketing Management & Research, Other |
| 061402 | Marketing Research |
| 090501 | Public Relations |
| **6173000** | **Locksmith & Safe Repairer** |
| 470403 | Locksmithing & Safe Repair |

| Number | Title |
|---|---|
| **8232100** | **Locomotive & Rail Yard Engineer** |
| 470605 | Diesel Engine Mechanics |
| **8318200** | **Logging Tractor Operator** |
| 030404 | Forest Products Processing Technology |
| 030401 | Forestry Production & Processing, General |
| 030405 | Logging |
| 490299 | Vehicle & Equipment Operation, Other |
| **8313000** | **Longshore Equipment Operator** |
| 490299 | Vehicle & Equipment Operation, Other |
| **7720100** | **Machine Assembler** |
| 470101 | Electrical & Electronics Equipment Repair, General |
| 470301 | Industrial Equipment Maintenance & Repair, General |
| **7519100** | **Machine Forming Operator** |
| 480503 | Machine Tool Operation/Machine Shop |
| 480504 | Metal Fabrication |
| 480506 | Sheet Metal |
| **7522100** | **Machine Tool Cutter** |
| 480503 | Machine Tool Operation/Machine Shop |
| **6140100** | **Machinery Maintenance Worker** |
| 470301 | Industrial Equipment Maintenance & Repair, General |
| 470303 | Industrial Machinery Maintenance & Repair |
| **6813000** | **Machinist** |
| 480503 | Machine Tool Operation/Machine Shop |
| **4744000** | **Mail Clerk** |
| 070701 | Typing, General Office, & Related Programs, General |
| 070799 | Typing, General Office, & Related Programs, Other |
| **6179600** | **Maintenance Repairer, General Utility** |
| 460401 | Building Maintenance |
| 469999 | Construction Trades, Other |
| **1420000** | **Management Analyst** |
| 500704 | Arts Management |
| 060101 | Business & Management, General |
| 060401 | Business Administration & Management |

| Number | Title |
|---|---|
| 060499 | Business Administration & Management, Other |
| 069999 | Business & Management, Other |
| 440201 | Community Services |
| 430103 | Criminal Justice Administration |
| 060901 | International Business Management |
| 440301 | International Public Service |
| 070401 | Office Supervision & Management |
| 060403 | Product Management |
| 440401 | Public Administration |
| 440101 | Public Affairs, General |
| 440601 | Public Sanitation |
| 440602 | Public Transportation |
| 440603 | Public Utilities |
| 061801 | Small Business Management |
| 060705 | Transportation Management |
| 070799 | Typing, General Office, & Related Programs, Other |
| **1490500** | **Management Support Worker** |
| 070401 | Office Supervision & Management |
| **5524220** | **Manager, Poultry Hatchery** |
| 020203 | Animal Health |
| 020204 | Animal Nutrition |
| 010302 | Animal Production |
| 020206 | Dairy Science |
| 010104 | Farm & Ranch Management |
| 020209 | Poultry Science |
| **3240229** | **Manager, Stage** |
| 500602 | Cinematography/Film |
| 500501 | Dramatic Arts |
| 500601 | Film Arts, General |
| **5253205** | **Manicurist** |
| 120403 | Cosmetology |
| **1854205** | **Marine Biologist** |
| 260607 | Marine Biology |
| **6130910** | **Marine Engine Mechanic/ENL (MIL)** |
| 150804 | Marine Propulsion Technology |
| **1637500** | **Marine Engineer** |
| 142201 | Naval Architecture & Marine Engineering |
| **6114217** | **Marine Mechanic** |
| 490306 | Marine Maintenance |
| 150804 | Marine Propulsion Technology |
| **1637300** | **Marine Or Naval Architect** |
| 142201 | Naval Architecture & Marine Engineering |
| **1912208** | **Market Research Analyst I** |
| 010103 | Agricultural Economics |
| 060501 | Business Economics |
| 450601 | Economics |
| **1250500** | **Marketing, Advertising Or Public Relations Manager** |
| 090201 | Advertising |
| 080201 | Business & Personal Services Marketing, General |
| 061401 | Marketing Management |
| 061499 | Marketing Management & Research, Other |
| 061402 | Marketing Research |
| 090501 | Public Relations |
| 080707 | Wholesaling |
| **5269200** | **Masseur Or Masseuse** |
| 120405 | Massage |
| **8316100** | **Material Moving Equipment Operator** |
| 490299 | Vehicle & Equipment Operation, Other |
| **3840000** | **Mathematical Technician** |
| 270301 | Applied Mathematics |
| 270101 | Mathematics, General |
| 279999 | Mathematics, Other |
| 270401 | Pure Mathematics |
| 270501 | Statistics |
| **1739200** | **Mathematician** |
| 270301 | Applied Mathematics |
| 270101 | Mathematics, General |
| 279999 | Mathematics, Other |
| 270401 | Pure Mathematics |
| 270501 | Statistics |
| **7753200** | **Meat, Poultry & Fish Cutter** |
| 010402 | Food Products |
| 480402 | Meatcutting |
| **1635100** | **Mechanical Engineer** |
| 141901 | Mechanical Engineering |
| **3713000** | **Mechanical Engineering Technician** |
| 150499 | Electromechanical Instrumentation & Maintenance |
| 159999 | Engineering & Engineering-Related Technologies, Other |
| 150805 | Mechanical Design Technology |
| **6000000** | **Mechanics' & Repairers' Supervisor** |
| 010299 | Agricultural Mechanics, Other |

| Number | Title |
|---|---|
| 150803 | Automotive Technology |
| 062001 | Trade, Industrial Supervision & Management |
| **5233000** | **Medical Assistant (N/E)** |
| 170503 | Medical Assisting |
| 170508 | Physician Assisting - Primary Care |
| **3690600** | **Medical Or Clinical Laboratory Technician** |
| 170301 | Blood Bank Technology |
| 170302 | Chemistry Technology |
| 170303 | Clinical Animal Technology |
| 170306 | Cytotechnology |
| 170307 | Hematology Technology |
| 170308 | Histologic Technology |
| 180901 | Medical Laboratory |
| 170309 | Medical Laboratory Technology |
| 170310 | Medical Technology |
| 170311 | Microbiology Technology |
| 182201 | Public Health Laboratory Science |
| **3620400** | **Medical Or Clinical Laboratory Technologist** |
| 170305 | Clinical Laboratory Assisting |
| 170306 | Cytotechnology |
| 170308 | Histologic Technology |
| 170309 | Medical Laboratory Technology |
| **2032850** | **Medical Or Psychiatric Social Worker** |
| 440702 | Medical Social Work |
| 440799 | Social Work, Other |
| 440701 | Social Work, General |
| **1310200** | **Medical Record Administrator** |
| 180703 | Medical Records Administration |
| **3640000** | **Medical Record Technician/ Technologist** |
| 180703 | Medical Records Administration |
| 170506 | Medical Records Technology |
| 170513 | Ward Clerk |
| **1855600** | **Medical Scientist** |
| 180204 | Clinical Pathology |
| **622100** | **Medical Secretary** |
| 070605 | Medical Secretarial |
| 070606 | Secretarial |
| **1310100** | **Medicine & Health Service Manager (N/E)** |
| 180701 | Health Care Administration |
| 180799 | Health Science Administration, Other |
| **5144226** | **Merchant Patroller** |
| 430101 | Correctional Administration |

| Number | Title |
|---|---|
| 430102 | Corrections |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| 430199 | Criminal Justice, Other |
| 430106 | Forensic Science |
| 430107 | Law Enforcement |
| 430108 | Law Enforcement Administration |
| **4745100** | **Messenger** |
| 070707 | Receptionist & Communication Systems Operation |
| **7529409** | **Metal Fabricating Machine Operator** |
| 480504 | Metal Fabrication |
| **1623500** | **Metallurgical Or Materials Engineer** |
| 140601 | Ceramic Engineering |
| 141801 | Materials Engineering |
| 142001 | Metallurgical Engineering |
| 400701 | Metallurgy |
| **3719200** | **Metallurgical Technician** |
| 400701 | Metallurgy |
| **1846000** | **Meteorologist** |
| 400401 | Atmospheric Sciences & Meteorology |
| **1854226** | **Microbiologist** |
| 180203 | Clinical Microbiology |
| 260501 | Microbiology |
| **3620200** | **Microbiology Technologist (N/E)** |
| 170309 | Medical Laboratory Technology |
| **2900229** | **Midwife, Nurse** |
| 181103 | Maternal/Child Health |
| 181104 | Medical Surgical |
| 181101 | Nursing, General |
| **5132920** | **Military Police/ENL (MIL)** |
| 430101 | Correctional Administration |
| 430102 | Corrections |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| 430199 | Criminal Justice, Other |
| 430106 | Forensic Science |
| 430107 | Law Enforcement |
| 430108 | Law Enforcement Administration |
| **6178200** | **Millwright** |
| 470301 | Industrial Equipment Maintenance & Repair, General |
| 470303 | Industrial Machinery Maintenance & Repair |

| Number | Title |
|---|---|
| **1624200** | **Mining Engineer** |
| 142101 | Mining & Mineral Engineering |
| **6540200** | **Mining Machine Operator** |
| 490202 | Construction Equipment Operation |
| 490204 | Mining Equipment Operation |
| 490299 | Vehicle & Equipment Operation, Other |
| **4450100** | **Model** |
| 080101 | Apparel & Accessories Marketing, General |
| 080199 | Apparel & Accessories Marketing, Other |
| 080201 | Business & Personal Services Marketing, General |
| 080102 | Fashion Merchandising |
| 080103 | Fashion Modeling |
| 061801 | Small Business Management |
| **7542100** | **Molding Or Casting Machine Operator Or Setter, Metal** |
| 480503 | MachineTool Operation/Machine Shop |
| 480501 | Precision Metal Work, General |
| **7479100** | **Motion Picture Projectionist** |
| 100101 | Educational Media Technology |
| 470401 | Electromechanical, Hydraulic, & Pneumatic Repair |
| **8242100** | **Motorboat Operator** |
| 490302 | Barge & Boat Operation |
| 490306 | Marine Maintenance |
| 490308 | Sailors & Deckhands |
| **6114100** | **Motorcycle Repairer** |
| 470604 | Automotive Mechanics |
| 470606 | Small Engine Repair |
| **3260300** | **Movie & TV Camera Operator** |
| 100101 | Educational Media Technology |
| 100102 | Motion Picture Technology |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| 509999 | Visual & Performing Arts, Other |
| **4799300** | **Municipal Clerk** |
| 070705 | General Office Clerk |
| 070604 | Legal Secretarial |
| 070707 | Receptionist & Communication Systems Operation |
| 070606 | Secretarial |
| 070701 | Typing, General Office, & Related Programs, General |
| **2520223** | **Museum Technician** |
| 250201 | Archival Science |
| 500702 | Art Conservation |
| 250501 | Museology |
| **3230200** | **Music Conductor** |
| 500904 | Music Composition |
| 500902 | Music History & Appreciation |
| 500903 | Music Performance |
| 500999 | Music, Other |
| 500901 | Music, General |
| **3039217** | **Music Therapist** |
| 170816 | Recreational Therapy |
| **6172000** | **Musical Instrument Repairer Or Tuner** |
| 470404 | Musical Instrument Repair |
| **3230300** | **Musician, Instrumental** |
| 500904 | Music Composition |
| 500902 | Music History & Appreciation |
| 500903 | Music Performance |
| 500999 | Music, Other |
| 500901 | Music, General |
| **1133400** | **Natural Resources Program Administrator** |
| 030201 | Conservation & Regulation, General |
| 030101 | Renewable Natural Resources, General |
| 030601 | Wildlife Management |
| **2610238** | **Neurologist** |
| 181024 | Neurology |
| **4642200** | **New Accounts Clerk** |
| 070101 | Accounting, Bookkeeping & Related Programs, General |
| 070199 | Accounting, Bookkeeping & Related Programs, Other |
| 070205 | Teller |
| **3313300** | **Newscaster** |
| 090301 | Communications Research |
| 090101 | Communications, General |
| 099999 | Communications, Other |
| 230401 | Composition |
| 230501 | Creative Writing |
| 230101 | English, General |
| 090401 | Journalism (Mass Communications) |
| 090601 | Radio/Television News Broadcast |
| 090701 | Radio/Television, General |
| 100104 | Radio/Televison Production & Broadcasting Technology |

| Number | Title |
|---|---|
| 231001 | Speech, Debate, & Forensics |
| 231101 | Technical & Business Writing |
| **3312208** | **Newspaper Editor** |
| 090301 | Communications Research |
| 090101 | Communications, General |
| 099999 | Communications, Other |
| 230401 | Composition |
| 230501 | Creative Writing |
| 230101 | English, General |
| 090401 | Journalism (Mass Communications) |
| 090601 | Radio/Television News Broadcast |
| 090701 | Radio/Television, General |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| 231001 | Speech, Debate, & Forensics |
| 231101 | Technical & Business Writing |
| **1627000** | **Nuclear Engineer** |
| 142301 | Nuclear Engineering |
| **3650000** | **Nuclear Medicine Technologist (N/E)** |
| 170208 | Nuclear Medical Technology |
| 410203 | Nuclear Power Plant Radiation Control Technology |
| **3010100** | **Nuclear Pharmacist (N/E)** |
| 181401 | Pharmacy |
| **3832300** | **Nuclear Technician/ Technologist** |
| 410201 | Nuclear Materials Handling Technology |
| 410202 | Nuclear Power Plant Operation Technology |
| 410203 | Nuclear Power Plant Radiation Control Technology |
| 410299 | Nuclear Technologies, Other |
| 410204 | Radiologic (Physical) Technology |
| **7326100** | **Numerical Control Machine Set-up Operator** |
| 480503 | Machine Tool Operation/Machine Shop |
| **5236100** | **Nurse Aide Or Orderly** |
| 170601 | Geriatric Aide |
| 170404 | Home Health Aide |
| 170602 | Nursing Assisting |
| 170699 | Nursing-Related Services, Other |
| **2900217** | **Nurse Supervisor** |
| 181102 | Anesthetist |
| 181103 | Maternal/Child Health |
| 181104 | Medical Surgical |
| 181101 | Nursing, General |
| 181199 | Nursing, Other |
| 181106 | Psychiatric/Mental Health |
| 181107 | Public Health |
| **2900205** | **Nurse, School** |
| 181101 | Nursing, General |
| **5525100** | **Nursery Manager** |
| 020403 | Horticulture Science |
| **5619100** | **Nursery Worker** |
| 010603 | Floriculture |
| 010601 | Horticulture, General |
| 010699 | Horticulture, Other |
| 010606 | Nursery Operation & Management |
| **2232205** | **Nursing Instructor** |
| 170699 | Nursing-Related Services, Other |
| **3660990** | **Nursing Technician/ENL (MIL)** |
| 170605 | Practical Nursing |
| **3032100** | **Occupational Therapist (N/E)** |
| 170807 | Occupational Therapy |
| **5233100** | **Occupational Therapy Assistant (N/E)** |
| 170808 | Occupational Therapy Assisting |
| **1847700** | **Oceanographer** |
| 400702 | Oceanography |
| **3890400** | **Oceanographer Assistant** |
| 410305 | Oceanographic (Physical) Technology |
| **6174000** | **Office Machine & Cash Register Servicer** |
| 470102 | Business Machine Repair |
| **1370200** | **Office Manager** |
| 070401 | Office Supervision & Management |
| **4500000** | **Office Worker Supervisor** |
| 070401 | Office Supervision & Management |
| **7443100** | **Offset Lithographic Press Setter Or Setup Operator** |
| 480201 | Graphic & Printing Communications, General |
| **6520100** | **Oil Well Driller** |
| 470301 | Industrial Equipment Maintenance & Repair, General |
| **8312000** | **Operating Engineer** |
| 490202 | Construction Equipment Operation |
| 490299 | Vehicle & Equipment Operation, Other |
| **1721992** | **Operation Analyst/OFFf (MIL)** |
| 061399 | Management Science, Other |

| Number | Title |
|---|---|
| 061302 | Operations Research (Quantitative Methods) |
| 300601 | Systems Science |
| **1721000** | **Operations Research Analyst (N/E)** |
| 110401 | Information Sciences & Systems |
| 061399 | Management Science, Other |
| 061302 | Operations Research (Quantitative Methods) |
| 110501 | Systems Analysis |
| 300601 | Systems Science |
| **6864000** | **Optical Goods Worker** |
| 170799 | Ophthalmic Services, Other |
| 150606 | Optical Technology |
| 170705 | Optometric Technology |
| **4490100** | **Optician, Dispensing & Measuring** |
| 170701 | Ophthalmic Dispensing |
| 170799 | Ophthalmic Services, Other |
| 150606 | Optical Technology |
| 170705 | Optometric Technology |
| **2810000** | **Optometrist** |
| 181201 | Optometry |
| **2620100** | **Oral Surgeon** |
| 180402 | Dental Public Health |
| 180499 | Dentistry, Other |
| 180401 | Dentistry, General |
| 180403 | Endodontics |
| 180405 | Oral Pathology |
| 180404 | Oral/Maxial Facial Surgery |
| 181015 | Orthodontic Surgery |
| 180406 | Orthodontics |
| 180407 | Pedodontics |
| 180408 | Periodontics |
| 180409 | Prosthodontics |
| **4664200** | **Order Clerk, Merchandise, Materials, & Service** |
| 070701 | Typing, General Office, & Related Programs, General |
| 081106 | Warehouse Services Marketing |
| **4754100** | **Order Filler, Sales** |
| 070701 | Typing, General Office, & Related Programs, General |
| 070799 | Typing, General Office, & Related Programs, Other |
| 081106 | Warehouse Services Marketing |
| **2610810** | **Osteopath** |
| 181301 | Osteopathic Medicine |

| Number | Title |
|---|---|
| **6442100** | **Painter Or Paperhanger** |
| 460408 | Painting & Decorating |
| **7669100** | **Painter, Transportation Equipment** |
| 470603 | Automotive Body Repair |
| **7669200** | **Painting Machine Setter Or Operator** |
| 460408 | Painting & Decorating |
| **3250205** | **Paintings Restorer** |
| 500703 | Art History & Appreciation |
| 500701 | Fine Arts, General |
| 500708 | Painting |
| **1139211** | **Park Ranger** |
| 310101 | Parks & Recreation, General |
| 310401 | Water Resources |
| 030601 | Wildlife Management |
| **2032750** | **Parole & Probation Officer** |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| **2610205** | **Pathologist** |
| 181017 | Otorhinolarynology/ Otolaryngology |
| **1854238** | **Pathologist, Plant** |
| 260305 | Plant Pathology |
| **6817208** | **Pattern & Model Maker, Metal** |
| 480504 | Metal Fabrication |
| **6466000** | **Paving & Surfacing Equipment Operator** |
| 490202 | Construction Equipment Operation |
| **4713000** | **Payroll Clerk** |
| 070701 | Typing, General Office, & Related Programs, General |
| **2610250** | **Pediatrician** |
| 181019 | Pediatrics |
| **4613000** | **Peripheral EDP Equipment Operator (N/E)** |
| 070304 | Business Data Peripheral Equipment Operation |
| 070301 | Business Data Processing & Related Programs, General |
| **4692000** | **Personnel Clerk, Except Payroll** |
| 060401 | Business Administration & Management |
| 070701 | Typing, General Office, & Related Programs, General |
| **4692900** | **Personnel Specialist/ENL (MIL)** |
| 070701 | Typing, General Office, & Related Programs, General |

| Number | Title |
|---|---|
| **1230000** | **Personnel, Training & Labor Relations Manager** |
| 060401 | Business Administration & Management |
| 060499 | Business Administration & Management, Other |
| 060601 | Human Resources Development |
| 061101 | Labor/Industrial Relations |
| 061501 | Organizational Behavior |
| 061601 | Personnel Management |
| **1430300** | **Personnel, Training & Labor Relations Specialist** |
| 060601 | Human Resources Development |
| 060601 | Human Resources Development |
| 061101 | Labor/Industrial Relations |
| 061501 | Organizational Behavior |
| 061601 | Personnel Management |
| **5246100** | **Pest Control Worker Or Assistant** |
| 020408 | Plant Protection (Pest Management) |
| **1625100** | **Petroleum Engineer** |
| 142501 | Petroleum Engineering |
| **6920100** | **Petroleum Refinery Operator** |
| 470501 | Stationary Energy Sources, General |
| **3833300** | **Petroleum Technician/Technologist** |
| 150999 | Mining & Petroleum Technologies, Other |
| 150903 | Petroleum Technology |
| **3010000** | **Pharmacist** |
| 181401 | Pharmacy |
| 181901 | Pre-Pharmacy |
| **1855500** | **Pharmacologist (N/E)** |
| 260705 | Pharmacology, Human & Animal |
| **5233500** | **Pharmacy Assistant** |
| 170507 | Pharmacy Assisting |
| **7444100** | **Photoengraving & Lithographing Machine Operator** |
| 480201 | Graphic & Printing Communications, General |
| **1649500** | **Photogrammetric Engineer** |
| 142601 | Surveying & Mapping Sciences |
| **3260100** | **Photographer** |
| 480204 | Commercial Photography |
| 500603 | Film Animation |

| Number | Title |
|---|---|
| **3260911** | **Photographer/ENL (MIL)** |
| 480204 | Commercial Photography |
| 500603 | Film Animation |
| **6868100** | **Photographic Process Worker** |
| 480204 | Commercial Photography |
| 480201 | Graphic & Printing Communications, General |
| 100103 | Photographic Technology |
| **7671000** | **Photographic Processing Machine Operator** |
| 480204 | Commercial Photography |
| 480201 | Graphic & Printing Communications, General |
| 100103 | Photographic Technology |
| **3033000** | **Physical Therapist (N/E)** |
| 170813 | Physical Therapy |
| **3033982** | **Physical Therapist/OFF (MIL)** |
| 170813 | Physical Therapy |
| **5233400** | **Physical Therapy Assistant (N/E)** |
| 170814 | Physical Therapy Aide |
| 170815 | Physical Therapy Assisting |
| **2610300** | **Physician** |
| 181002 | Allergies & Endomology |
| 181006 | Emergency Medicine |
| 181008 | Geriatrics |
| 181009 | Immunology |
| 181029 | Medical Sciences |
| 181001 | Medicine, General |
| 181099 | Medicine, Other |
| 181012 | Nuclear Medicine |
| 181014 | Ophthalmology |
| 181016 | Orthopedic |
| 181019 | Pediatrics |
| 181020 | Physical Medicine & Rehabilitation |
| 181021 | Plastic Surgery |
| 181022 | Preventive Medicine |
| 181023 | Psychiatry |
| **3040000** | **Physician's Assistant (N/E)** |
| 170508 | Physician Assisting - Primary Care |
| **1843200** | **Physicist** |
| 400201 | Astronomy |
| 400301 | Astrophysics |
| 400802 | Atomic/Molecular Physics |
| 400806 | Nuclear Physics |
| 400807 | Optics |
| 400801 | Physics |
| 400808 | Solid State Physics |

| Number | Title |
|---|---|
| **1854235** | **Physiologist** |
| 260706 | Physiology, Human & Animal |
| **6476205** | **Pile Driver Operator** |
| 490202 | Construction Equipment Operation |
| **6444100** | **Plasterer Or Stucco Mason** |
| 460409 | Plastering |
| **7343100** | **Plating Machine Set-up Operator Or Setter** |
| 480208 | Printing Press Operations |
| **6450000** | **Plumber Or Pipefitter** |
| 460502 | Pipefitting & Steamfitting |
| 460503 | Plumbing |
| 460501 | Plumbing, Pipefitting, & Steamfitting, General |
| **2830000** | **Podiatrist** |
| 181501 | Podiatry |
| **5132100** | **Police Detective** |
| 430101 | Correctional Administration |
| 430102 | Corrections |
| 430103 | Criminal Justice Administration |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| 430199 | Criminal Justice, Other |
| 430106 | Forensic Science |
| 430107 | Law Enforcement |
| 430108 | Law Enforcement Administration |
| **5132200** | **Police Patrol Officer** |
| 430101 | Correctional Administration |
| 430102 | Corrections |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| 430199 | Criminal Justice, Other |
| 430106 | Forensic Science |
| 430107 | Law Enforcement |
| 430108 | Law Enforcement Administration |
| **5112100** | **Police Supervisor** |
| 430101 | Correctional Administration |
| 430102 | Corrections |
| 430103 | Criminal Justice Administration |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| 430199 | Criminal Justice, Other |
| 430106 | Forensic Science |
| 430107 | Law Enforcement |
| 430108 | Law Enforcement Administration |
| **1914000** | **Political Scientist** |
| 451001 | Political Science & Government |

| Number | Title |
|---|---|
| **3890500** | **Pollution Control Technician (N/E)** |
| 150502 | Air Pollution Control Technology |
| 150504 | Sanitation Technology |
| **7753300** | **Portable Machine Cutter** |
| 200301 | Clothing & Apparel Production & Services, General |
| **5262100** | **Porter Or Bellhop** |
| 080902 | Marketing Of Hotel/Motel Services |
| **4742000** | **Postal Service Clerk** |
| 070701 | Typing, General Office, & Related Programs, General |
| 070799 | Typing, General Office, & Related Programs, Other |
| **1344000** | **Postmaster Or Mail Superintendent** |
| 440401 | Public Administration |
| **6932100** | **Power Distributor Or Dispatcher** |
| 470501 | Stationary Energy Sources, General |
| **6932000** | **Power Generating Plant Operator** |
| 470501 | Stationary Energy Sources, General |
| **6930900** | **Power Plant Operator/ENL (MIL)** |
| 470501 | Stationary Energy Sources, General |
| **6932200** | **Power Reactor Plant Operator** |
| 410201 | Nuclear Materials Handling Technology |
| **6153200** | **Powerhouse Or Substation Electrician** |
| 460301 | Electrical & Power Transmission Installation, General |
| 470501 | Stationary Energy Sources, General |
| **6171400** | **Precision Instrument Repairer** |
| 150403 | Electromechanical Technology |
| 470401 | Electromechanical, Hydraulic, & Pneumatic Repair |
| 150404 | Instrumentation Technology |
| **6812400** | **Precision Machine Assembler** |
| 470101 | Electrical & Electronics Equipment Repair, General |
| 470301 | Industrial Equipment Maintenance & Repair, General |

| Number | Title |
|---|---|
| 480503 | MachineTool Operation/Machine Shop |
| **6700000** | **Precision Production Supervisor** |
| 062001 | Trade, Industrial Supervision & Management |
| **6830100** | **Precision Woodworker** |
| 480703 | Millwork & Cabinet Making |
| 480701 | Woodworking, General |
| **7657100** | **Press Machine Operator** |
| 200301 | Clothing & Apparel Production & Services, General |
| 120101 | Drycleaning & Laundering Services, General |
| **1282000** | **Principal** |
| 130402 | Administration Of Special Education |
| 130403 | Adult & Continuing Education Administration |
| 130407 | Community College Education Administration |
| 130401 | Education Administration, General |
| 130404 | Educational Supervision |
| 130406 | Higher Education Administration |
| **3720500** | **Printed Circuit Designer (N/E)** |
| 150301 | Computer Technology |
| 150202 | Drafting & Design Technology |
| 150303 | Electronic Technology |
| **7643100** | **Printing Press Operator Or Setter** |
| 480201 | Graphic & Printing Communications, General |
| 480208 | Printing Press Operations |
| **7443991** | **Printing Specialist/ENL (MIL)** |
| 480201 | Graphic & Printing Communications, General |
| **5144200** | **Private Detective Or Investigator** |
| 430101 | Correctional Administration |
| 430102 | Corrections |
| 430103 | Criminal Justice Administration |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| 430199 | Criminal Justice, Other |
| 430106 | Forensic Science |
| 430107 | Law Enforcement |
| 430108 | Law Enforcement Administration |
| 439999 | Protective Services, Other |
| 430109 | Security Services |
| **4754200** | **Procurement Clerk** |

| Number | Title |
|---|---|
| 070701 | Typing, General Office, & Related Programs, General |
| 070799 | Typing, General Office, & Related Programs, Other |
| 081106 | Warehouse Services Marketing |
| **3240100** | **Producer Or Director** |
| 500602 | Cinematography/Film |
| 500501 | Dramatic Arts |
| 500601 | Film Arts, General |
| 100102 | Motion Picture Technology |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| **3240223** | **Producer, Broadcasting** |
| 500602 | Cinematography/Film |
| 500501 | Dramatic Arts |
| 500601 | Film Arts, General |
| **3240256** | **Producer, Motion Picture** |
| 500602 | Cinematography/Film |
| 500501 | Dramatic Arts |
| 500601 | Film Arts, General |
| **3240259** | **Producer, Stage** |
| 500602 | Cinematography/Film |
| 500501 | Dramatic Arts |
| 500601 | Film Arts, General |
| **4752100** | **Production Clerk** |
| 070401 | Office Supervision & Management |
| **7529331** | **Production Machine Tender** |
| 480503 | MachineTool Operation/Machine Shop |
| **7100000** | **Production Supervisor** |
| 062001 | Trade, Industrial Supervision & Management |
| **3400200** | **Professional Athlete** |
| 131314 | Physical Education |
| **1353500** | **Property & Real Estate Manager** |
| 061701 | Real Estate, General |
| **5236400** | **Psychiatric Aide** |
| 170405 | Mental Health/Human Services Assisting |
| 170406 | Mental Health/Human Services Technology |
| 170602 | Nursing Assisting |
| 181106 | Psychiatric/Mental Health |
| **3660100** | **Psychiatric Technician (N/E)** |
| 170406 | Mental Health/Human Services Technology |
| **1915800** | **Psychologist** |
| 420201 | Clinical Psychology |

| Number | Title |
|---|---|
| 420301 | Cognitive Pshchology |
| 420401 | Community Psychology |
| 420501 | Comparative Psychology |
| 420601 | Counseling Psychology |
| 420701 | Developmental Psychology |
| 420801 | Experimental Psychology |
| 420901 | Industrial & Organizational Psychology |
| 421001 | Personality Psychology |
| 421101 | Physiological Psychology |
| 421301 | Pshchometrics |
| 421201 | Psycholinguistics |
| 420101 | Psychology, General |
| 429999 | Psychology, Other |
| 421401 | Psychopharmacology |
| 421501 | Quantitative Psychology |
| 421601 | Social Psychology |
| **1915223** | **Psychologist, Clinical** |
| 420201 | Clinical Psychology |
| 420301 | Cognitive Pshchology |
| 420401 | Community Psychology |
| 420501 | Comparative Psychology |
| 420801 | Experimental Psychology |
| 421101 | Physiological Psychology |
| 420101 | Psychology, General |
| 421501 | Quantitative Psychology |
| **1135100** | **Public Financing Program Administrator** |
| 060201 | Accounting |
| 060301 | Banking & Finance |
| 061901 | Taxation |
| **3320100** | **Public Relations Specialist** |
| 090201 | Advertising |
| 061401 | Marketing Management |
| 061499 | Marketing Management & Research, Other |
| 061402 | Marketing Research |
| 090501 | Public Relations |
| **1131400** | **Public Safety & Corrections Manager** |
| 430105 | Criminal Justice Technology |
| 430201 | Fire Control & Safety Technology |
| 440501 | Public Policy Studies |
| **7314100** | **Punch Machine Set-up Operator** |
| 480501 | Precision Metal Work, General |
| 480506 | Sheet Metal |
| **1443100** | **Purchasing Agent, Farm Products** |
| 010502 | Agricultural Services |

| Number | Title |
|---|---|
| 010501 | Agricultural Services & Supplies, General |
| **1449000** | **Purchasing Agent, Wholesale Or Retail** |
| 060402 | Contract Management & Procurement/Purchasing |
| 080704 | Purchasing |
| 080705 | Retailing |
| **1240100** | **Purchasing Manager** |
| 060402 | Contract Management & Procurement/Purchasing |
| 080704 | Purchasing |
| 080705 | Retailing |
| **3650200** | **Radiation Therapy Technologist** |
| 170207 | Medical Radiation Dosimetry |
| 170209 | Radiograph Medical Technology |
| 170212 | Ultrasound Technology |
| **3330000** | **Radio & Television Announcer** |
| 090301 | Communications Research |
| 090101 | Communications, General |
| 099999 | Communications, Other |
| 230401 | Composition |
| 230501 | Creative Writing |
| 230101 | English, General |
| 090401 | Journalism (Mass Communications) |
| 090601 | Radio/Television News Broadcast |
| 090701 | Radio/Television, General |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| 231001 | Speech, Debate, & Forensics |
| 231101 | Technical & Business Writing |
| **6151400** | **Radio Mechanic** |
| 470103 | Communication Electronics |
| 470301 | Industrial Equipment Maintenance & Repair, General |
| **3930000** | **Radio Operator** |
| 470103 | Communication Electronics |
| **3650100** | **Radiologic Technologist (N/E)** |
| 170207 | Medical Radiation Dosimetry |
| 170209 | Radiograph Medical Technology |
| 170212 | Ultrasound Technology |
| **2610268** | **Radiologist** |
| 181025 | Radiology |
| **6117200** | **Rail Car Repairer** |
| 470301 | Industrial Equipment Maintenance & Repair, General |

| Number | Title |
|---|---|
| **8113100** | **Railroad Conductor Or Yardmaster** |
| 081101 | Transporation & Travel Marketing, General |
| **4123000** | **Real Estate Appraiser** |
| 061701 | Real Estate, General |
| **4630300** | **Real Estate Clerk** |
| 061701 | Real Estate, General |
| 070701 | Typing, General Office, & Related Programs, General |
| **4123100** | **Real Estate Sales Agent Or Broker** |
| 061701 | Real Estate, General |
| **4645100** | **Receptionist Or Information Clerk** |
| 070707 | Receptionist & Communication Systems Operation |
| **5254100** | **Recreation & Amusement Attendant** |
| 360199 | Leisure & Recreational Activities, Other |
| **1352100** | **Recreation Facilities Manager** |
| 060701 | Hotel/Motel Management |
| **2033211** | **Recreation Leader** |
| 310201 | Outdoor Recreation |
| 310101 | Parks & Recreation, General |
| 310301 | Parks & Recreation Management |
| **2033901** | **RecreationSpecialist/ENL(MIL)** |
| 310201 | Outdoor Recreation |
| 310101 | Parks & Recreation, General |
| 310301 | Parks & Recreation Management |
| **1352211** | **Recreation Supervisor** |
| 310201 | Outdoor Recreation |
| 310101 | Parks & Recreation, General |
| 310301 | Parks & Recreation Management |
| **2033200** | **Recreation Worker** |
| 360199 | Leisure & Recreational Activities, Other |
| 310201 | Outdoor Recreation |
| 310101 | Parks & Recreation, General |
| 310301 | Parks & Recreation Management |
| **3039100** | **Recreational Therapist (N/E)** |
| 170816 | Recreational Therapy |
| **1430920** | **Recruiting Manager/OFF (MIL)** |
| 061601 | Personnel Management |
| **1430910** | **Recruiting Specialist/ENL (MIL)** |
| 061601 | Personnel Management |

| Number | Title |
|---|---|
| **1134100** | **Regional Development Program Manager** |
| 440101 | Public Affairs, General |
| 150204 | Urban Planning Technology |
| **2900000** | **Registered Nurse** |
| 181102 | Anesthetist |
| 181103 | Maternal/Child Health |
| 181104 | Medical Surgical |
| 181101 | Nursing, General |
| 181199 | Nursing, Other |
| 181106 | Psychiatric/Mental Health |
| 181107 | Public Health |
| **2900900** | **Registered Nurse/OFF (MIL)** |
| 181101 | Nursing, General |
| **6473000** | **Reinforcing Metal Worker** |
| 469999 | Construction Trades, Other |
| **2049901** | **Religious Program Specialist/ENL (MIL)** |
| 390201 | Bible Studies |
| 390101 | Biblical Languages |
| 300201 | Clinical Pastoral Care |
| 390301 | Missionary Studies |
| 390401 | Religious Education |
| 390501 | Religious Music |
| 380201 | Religious Studies |
| 390601 | Theological Studies |
| 399999 | Theology, Other |
| **3310901** | **Reporter & Newswriter/ENL (MIL)** |
| 090301 | Communications Research |
| 090101 | Communications, General |
| 099999 | Communications, Other |
| 230401 | Composition |
| 230501 | Creative Writing |
| 230101 | English, General |
| 090401 | Journalism (Mass Communications) |
| 090601 | Radio/Television News Broadcast |
| 090701 | Radio/Television, General |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| 231001 | Speech, Debate, & Forensics |
| 231101 | Technical & Business Writing |
| **3313500** | **Reporter Or Correspondent** |
| 090301 | Communications Research |
| 090101 | Communications, General |
| 099999 | Communications, Other |
| 230401 | Composition |
| 230501 | Creative Writing |

| Number | Title |
|---|---|
| 230101 | English, General |
| 090401 | Journalism (Mass Communications) |
| 090601 | Radio/Television News Broadcast |
| 090701 | Radio/Television, General |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| 231001 | Speech, Debate, & Forensics |
| 231101 | Technical & Business Writing |
| **4644000** | **Reservation & Ticket Agent** |
| 081104 | Tourism |
| 081101 | Transporation & Travel Marketing, General |
| 081105 | Travel Services Marketing |
| **3031000** | **Respiratory Therapist** |
| 170818 | Respiratory Therapy |
| 170819 | Respiratory Therapy Assisting |
| **3031901** | **Respiratory Therapist/ENL (MIL)** |
| 170818 | Respiratory Therapy |
| **5218100** | **Restaurant Attendant** |
| 080905 | Waiter/Waitress & Related Services |
| **4030200** | **Retail Sales Manager Or Supervisor** |
| 061401 | Marketing Management |
| 080705 | Retailing |
| **4362000** | **Retail Sales Person** |
| 080705 | Retailing |
| **6177000** | **Rigger** |
| 490202 | Construction Equipment Operation |
| 490306 | Marine Maintenance |
| 480799 | Woodworking, Other |
| **6468100** | **Roofer** |
| 460410 | Roofing |
| **6560200** | **Roustabout** |
| 470301 | Industrial Equipment Maintenance & Repair, General |
| **1634600** | **Safety Engineer** |
| 141701 | Industrial Engineering |
| **8243000** | **Sailor** |
| 490302 | Barge & Boat Operation |
| 490308 | Sailors & Deckhands |
| **4010100** | **Sales Manager, Business Establishment** |
| 080705 | Retailing |

| Number | Title |
|---|---|
| **4240100** | **Sales Representative, Wholesale** |
| 080705 | Retailing |
| **4367100** | **Salesperson, Parts** |
| 081203 | Automotive Vehicles & Accessories Marketing |
| 080705 | Retailing |
| **7633300** | **Sawing Machine Setter & Operator** |
| 480503 | Machine Tool Operation/Machine Shop |
| 480701 | Woodworking, General |
| **8215100** | **School Bus Driver** |
| 490205 | Truck & Bus Driving |
| **1915600** | **School Psychologist** |
| 420601 | Counseling Psychology |
| 420701 | Developmental Psychology |
| 240101 | Liberal/General Studies |
| 421001 | Personality Psychology |
| 421301 | Pshchometrics |
| 421401 | Psychopharmacology |
| 421501 | Quantitative Psychology |
| 130801 | School Psychology |
| **2032110** | **School Social Worker** |
| 440702 | Medical Social Work |
| 130801 | School Psychology |
| 440799 | Social Work, Other |
| 440701 | Social Work, General |
| **7449100** | **Screen Printing Machine Set-up Operator** |
| 480201 | Graphic & Printing Communications, General |
| **3210223** | **Screen Writer** |
| 090301 | Communications Research |
| 090101 | Communications, General |
| 099999 | Communications, Other |
| 230401 | Composition |
| 230501 | Creative Writing |
| 230101 | English, General |
| 090401 | Journalism (Mass Communications) |
| 090601 | Radio/Television News Broadcast |
| 090701 | Radio/Television, General |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| 231001 | Speech, Debate, & Forensics |
| 231101 | Technical & Business Writing |

| Number | Title |
|---|---|
| **8243920** | **Seaman/ENL (MIL)** |
| 490308 | Sailors & Deckhands |
| **4622200** | **Secretary** |
| 070603 | Executive Secretarial |
| 070604 | Legal Secretarial |
| 070605 | Medical Secretarial |
| 070401 | Office Supervision & Management |
| 070606 | Secretarial |
| **4124200** | **Securities & Financial Services Sales Agent** |
| 061001 | Investments & Securities |
| **3220253** | **Set Designer** |
| 500405 | Theatre Design |
| **7655100** | **Sewing Machine Operator, Garment** |
| 200301 | Clothing & Apparel Production & Services, General |
| 200303 | Commercial Garment & Apparel Construction |
| **6130382** | **Sewing Machine Repairer** |
| 470303 | Industrial Machinery Maintenance & Repair |
| **6824000** | **Sheet Metal Worker** |
| 480501 | Precision Metal Work, General |
| 480506 | Sheet Metal |
| **5134200** | **Sheriff Or Deputy Sheriff** |
| 430101 | Correctional Administration |
| 430102 | Corrections |
| 430103 | Criminal Justice Administration |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| 430199 | Criminal Justice, Other |
| 430106 | Forensic Science |
| 430107 | Law Enforcement |
| 430108 | Law Enforcement Administration |
| **8241100** | **Ship Captain Or Pilot** |
| 490302 | Barge & Boat Operation |
| **8244100** | **Ship Engineer** |
| 490306 | Marine Maintenance |
| 150804 | Marine Propulsion Technology |
| **8241200** | **Ship Mate** |
| 490302 | Barge & Boat Operation |
| 490308 | Sailors & Deckhands |
| **6821100** | **Shipfitter** |
| 480501 | Precision Metal Work, General |
| 480799 | Woodworking, Other |
| **4753200** | **Shipping & Receiving Clerk** |
| 070701 | Typing, General Office, & Related Programs, General |

| Number | Title |
|---|---|
| 070799 | Typing, General Office, & Related Programs, Other |
| 081106 | Warehouse Services Marketing |
| **4753900** | **Shipping & Receiving Specialist/ENL (MIL)** |
| 070701 | Typing, General Office, & Related Programs, General |
| 070799 | Typing, General Office, & Related Programs, Other |
| **7656100** | **Shoe Sewing Machine Operator** |
| 470499 | Miscellaneous Mechanics & Repairers, Other |
| **6114200** | **Small Engine Specialist** |
| 470604 | Automotive Mechanics |
| 490306 | Marine Maintenance |
| 150804 | Marine Propulsion Technology |
| **5269000** | **Social Director** |
| 310201 | Outdoor Recreation |
| 310101 | Parks & Recreation, General |
| 310301 | Parks & Recreation Management |
| **1270100** | **Social Sciences Manager** |
| 440401 | Public Administration |
| 450101 | Social Sciences, General |
| **2032860** | **Social Service Technician** |
| 170406 | Mental Health/Human Services Technology |
| **4784100** | **Social Welfare Clerk** |
| 070701 | Typing, General Office, & Related Programs, General |
| 070799 | Typing, General Office, & Related Programs, Other |
| **5263100** | **Social Welfare Service Aide** |
| 200602 | Companion To The Aged |
| 200601 | Institutional, Home Management, Supporting Services |
| **2032000** | **Social Worker, Except Medical Or Psychiatric** |
| 440702 | Medical Social Work |
| 440799 | Social Work, Other |
| 440701 | Social Work, General |
| **1916000** | **Sociologist** |
| 451101 | Sociology |
| **3971200** | **Software Technician (N/E)** |
| 070305 | Business Data Programming |
| 110201 | Computer Programming |
| 110301 | Data Processing |
| **1853800** | **Soil Conservationist** |
| 020501 | Soil Sciences, General |

| Number | Title |
|---|---|
| **7717100** | **Solderer Or Brazer** |
| 480508 | Welding, Brazing & Soldering |
| **7533100** | **Soldering Machine Operator** |
| 150610 | Welding Technology |
| 480508 | Welding, Brazing & Soldering |
| **3034100** | **Speech Pathologist** |
| 180101 | Audiology |
| 180102 | Speech Pathology |
| 180103 | Speech Pathology/Audiology |
| **5132226** | **State Highway Police Officer** |
| 430101 | Correctional Administration |
| 430102 | Corrections |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| 430106 | Forensic Science |
| 430107 | Law Enforcement |
| 430108 | Law Enforcement Administration |
| **4699300** | **Statement Clerk** |
| 080902 | Marketing Of Hotel/Motel Services |
| 070701 | Typing, General Office, & Related Programs, General |
| **6931100** | **Stationary Engineer** |
| 470501 | Stationary Energy Sources, General |
| **4794100** | **Statistical Clerk** |
| 070101 | Accounting, Bookkeeping & Related Programs, General |
| 070199 | Accounting, Bookkeeping & Related Programs, Other |
| 070701 | Typing, General Office, & Related Programs, General |
| **1733200** | **Statistician** |
| 270301 | Applied Mathematics |
| 270101 | Mathematics, General |
| 279999 | Mathematics, Other |
| 270401 | Pure Mathematics |
| 270501 | Statistics |
| **4623000** | **Stenographer** |
| 070602 | Court Reporting |
| 070603 | Executive Secretarial |
| 070401 | Office Supervision & Management |
| 070607 | Stenographic |
| **4754900** | **Stock & Inventory Specialist/ ENL (MIL)** |
| 070701 | Typing, General Office, & Related Programs, General |
| 070799 | Typing, General Office, & Related Programs, Other |

| Number | Title |
|---|---|
| **4362100** | **Stock Clerk, Sales Floor** |
| 080601 | Food Marketing, General |
| 070701 | Typing, General Office, & Related Programs, General |
| 070799 | Typing, General Office, & Related Programs, Other |
| **4754000** | **Stock Clerk, Stockroom Or Warehouse** |
| 170502 | Central Supply Technology |
| 081106 | Warehouse Services Marketing |
| **6413000** | **Stonemason** |
| 460102 | Brick, Block, & Stonemasonry |
| **6812300** | **Structural Metal Fitter** |
| 480504 | Metal Fabrication |
| 480501 | Precision Metal Work, General |
| **2610860** | **Surgeon** |
| 181004 | Colon & Rectal Surgery |
| 181001 | Medicine, General |
| 181011 | Neurological Surgery |
| 181026 | Surgery |
| 181027 | Thoracic Surgery |
| **3690830** | **Surgical Technician Or Technologist** |
| 170211 | Surgical Technology |
| **1649200** | **Surveying & Mapping Scientist** |
| 142601 | Surveying & Mapping Sciences |
| **3733100** | **Surveying & Mapping Technician** |
| 150201 | Civil Technology |
| 150203 | Surveying & Mapping Technology |
| **1722000** | **Systems Researcher Or Analyst (N/E)** |
| 119999 | Computer & Information Sciences, Other |
| 110401 | Information Sciences & Systems |
| 110501 | Systems Analysis |
| **8319300** | **Tank Car & Truck Loader** |
| 470501 | Stationary Energy Sources, General |
| **1473600** | **Tax Examiner Or Revenue Agent** |
| 060201 | Accounting |
| 061901 | Taxation |
| **4712308** | **Tax Preparer** |
| 070101 | Accounting, Bookkeeping & Related Programs, General |
| 070199 | Accounting, Bookkeeping & Related Programs, Other |

| Number | Title |
|---|---|
| **8216100** | **Taxi Driver Or Chauffeur** |
| 490205 | Truck & Bus Driving |
| **4795000** | **Teacher Aide** |
| 131299 | Teacher Education, General Programs, Other |
| **2320000** | **Teacher, Kindergarten Or Elementary** |
| 130201 | Bilingual/Bicultural Education |
| 131202 | Elementary Education |
| 131204 | Pre-Elementary Education |
| **2310200** | **Teacher, Preschool** |
| 200102 | Child Development, Care, & Guidance |
| 131204 | Pre-Elementary Education |
| 131299 | Teacher Education, General Programs, Other |
| **2330200** | **Teacher, Secondary School** |
| 131301 | Agricultural Education |
| 131302 | Art Education |
| 131303 | Business Education |
| 131304 | Driver & Safety Education |
| 131305 | English Education |
| 131306 | Foreign Languages Education |
| 131307 | Health Education |
| 131308 | Home Economics Education |
| 131309 | Industrial Arts Education |
| 131203 | Junior High Education |
| 131310 | Marketing & Distributive Education |
| 131311 | Mathematics Education |
| 131312 | Music Education |
| 131313 | Nutritional Education |
| 131314 | Physical Education |
| 131315 | Reading Education |
| 131316 | Science Education |
| 131205 | Secondary Education |
| 131317 | Social Science Education |
| 131318 | Social Studies Education |
| 131321 | Speech, Communications & English Education |
| 131399 | Teacher Education, Specific Subject Areas, Other |
| 131319 | Technical Education |
| 131320 | Trade & Industrial Education |
| **2350000** | **Teacher, Special Education** |
| 131002 | Education Of The Culturally Disadvantaged |
| 131003 | Education Of The Deaf & Hearing Impaired |
| 131005 | Education Of The Emotionally Handicapped |
| 131004 | Education Of The Gifted & Talented |
| 131006 | Education Of The Mentally Handicapped |
| 131007 | Education Of The Multiple Handicapped |
| 131008 | Education Of The Physically Handicapped |
| 131009 | Education Of The Visually Handicapped |
| 131010 | Remedial Education |
| 131001 | Special Education, General |
| 131099 | Special Education, Other |
| 131011 | Special Learning Disabilities |
| 131012 | Speech Corrections |
| **2390700** | **Teacher, Vocational Education** |
| 131201 | Adult & Continuing Education |
| 131301 | Agricultural Education |
| 131302 | Art Education |
| 131303 | Business Education |
| 130301 | Curriculum & Instruction |
| 131304 | Driver & Safety Education |
| 130501 | Educational Media |
| 131305 | English Education |
| 131306 | Foreign Languages Education |
| 131307 | Health Education |
| 131308 | Home Economics Education |
| 131309 | Industrial Arts Education |
| 131310 | Marketing & Distributive Education |
| 131311 | Mathematics Education |
| 131312 | Music Education |
| 131313 | Nutritional Education |
| 131314 | Physical Education |
| 131315 | Reading Education |
| 131316 | Science Education |
| 131317 | Social Science Education |
| 131318 | Social Studies Education |
| 131401 | Teaching English As A Second Language |
| 131319 | Technical Education |
| 131320 | Trade & Industrial Education |
| **2390271** | **Teacher; Music, Art Or Drama** |
| 131302 | Art Education |
| 131312 | Music Education |
| 131399 | Teacher Education, Specific Subject Areas, Other |

| Number | Title |
|---|---|
| **2390800** | **Technical Training Coordinator** |
| 131201 | Adult & Continuing Education |
| 130301 | Curriculum & Instruction |
| 130501 | Educational Media |
| 131401 | Teaching English As A Second Language |
| **3980000** | **Technical Writer** |
| 231101 | Technical & Business Writing |
| **6151200** | **Telegraph & Teletype Repairer** |
| 470101 | Electrical & Electronics Equipment Repair, General |
| **4733000** | **Telegrapher** |
| 070707 | Receptionist & Communication Systems Operation |
| **6158100** | **Telephone Installer Or Repairer** |
| 470101 | Electrical & Electronics Equipment Repair, General |
| **6157000** | **Telephone Line Installer Or Repairer** |
| 460301 | Electrical & Power Transmission Installation, General |
| 460302 | Electrician |
| **4732000** | **Telephone Operator** |
| 070707 | Receptionist & Communication Systems Operation |
| **4732900** | **Telephone Operator/ENL (MIL)** |
| 070707 | Receptionist & Communication Systems Operation |
| **6151300** | **Telephone Technician** |
| 470101 | Electrical & Electronics Equipment Repair, General |
| **6151900** | **Telephone Technician/ENL (MIL)** |
| 470101 | Electrical & Electronics Equipment Repair, General |
| **4733900** | **Teletype Operator/ENL (MIL)** |
| 070707 | Receptionist & Communication Systems Operation |
| **6151100** | **Television Cable Installer (N/E)** |
| 460301 | Electrical & Power Transmission Installation, General |
| 460302 | Electrician |
| **3990100** | **Television Technician (N/E)** |
| 100104 | Radio/Televison Production & Broadcasting Technology |
| **3719241** | **Test Technician** |
| 150201 | Civil Technology |
| **7650100** | **Textile Machine Operator** |

| Number | Title |
|---|---|
| 200301 | Clothing & Apparel Production & Services, General |
| **7450100** | **Textile Machine Setter Or Set-up Operator** |
| 200301 | Clothing & Apparel Production & Services, General |
| **6179400** | **Tire Repairer Or Changer** |
| 470604 | Automotive Mechanics |
| **3960300** | **Title Examiner Or Searcher** |
| 220103 | Legal Assisting |
| **6811100** | **Tool & Die Maker** |
| 480503 | MachineToolOperation/Machine Shop |
| 480507 | Tool & Die Making |
| **1854800** | **Toxicologist** |
| 260612 | Toxicology |
| **3210235** | **Translator** |
| 160101 | Foreign Languages, Multiple Emphasis |
| **1342920** | **Transportation Maintenance Manager/OFF (MIL)** |
| 060705 | Transportation Management |
| **1342300** | **Transportation Manager** |
| 060705 | Transportation Management |
| **8100100** | **Transportation Supervisor** |
| 062001 | Trade, Industrial Supervision & Management |
| **4369000** | **Travel Agent** |
| 081104 | Tourism |
| 081101 | Transporation & Travel Marketing, General |
| 081105 | Travel Services Marketing |
| **6841100** | **Typesetter** |
| 480201 | Graphic & Printing Communications, General |
| **7642100** | **Typesetting Or Composing Machine Operator** |
| 480201 | Graphic & Printing Communications, General |
| 480208 | Printing Press Operations |
| **4624100** | **Typist** |
| 070702 | Clerk-Typist |
| 070701 | Typing, General Office, & Related Programs, General |
| 070799 | Typing, General Office, & Related Programs, Other |
| **4624200** | **Typist, Word Processing** |
| 070701 | Typing, General Office, & Related Programs, General |

| Number | Title |
|---|---|
| 070799 | Typing, General Office, & Related Programs, Other |
| **1414000** | **Underwriter** |
| 060401 | Business Administration & Management |
| 060801 | Insurance & Risk Management |
| 081001 | Insurance Marketing, General |
| **6853200** | **Upholsterer** |
| 200503 | Custom Slipcovering & Upholstering |
| 200505 | Home Decorating |
| 200501 | Home Furnishings, Production & Services, General |
| 480303 | Upholstering |
| **1920100** | **Urban & Regional Planner** |
| 040301 | City, Community, & Regional Planning |
| 040701 | Urban Design |
| 150204 | Urban Planning Technology |
| 451201 | Urban Studies |
| **2610274** | **Urologist** |
| 181028 | Urology |
| **1343400** | **Utilities Manager** |
| 060401 | Business Administration & Management |
| **2700100** | **Veterinarian** |
| 182001 | Pre-Veterinary |
| 182401 | Veterinary Medicine |
| **3690500** | **Veterinary Laboratory Technician (N/E)** |
| 170309 | Medical Laboratory Technology |
| **2400300** | **Vocational Rehabilitation Counselor** |
| 170407 | Rehabilitation Counseling |
| 130801 | School Psychology |
| 131101 | Student Counseling & Personnel Services |
| **5213100** | **Waiter Or Waitress** |
| 080901 | Hospitality & Recreation Marketing, General |
| 080905 | Waiter/Waitress & Related Services |
| **6171500** | **Watch Maker Or Repairer** |
| 470408 | Watch Repair |
| **6910100** | **Water & Sewage Treatment Plant Operator** |
| 150504 | Sanitation Technology |
| 150506 | Water & Wastewater Technology |

| Number | Title |
|---|---|
| **3890600** | **Weather Observer** |
| 400401 | Atmospheric Sciences & Meteorology |
| **7714000** | **Welder Or Cutter** |
| 150610 | Welding Technology |
| 480508 | Welding, Brazing & Soldering |
| **7714229** | **Welder, Gas** |
| 480508 | Welding, Brazing & Soldering |
| **7714901** | **Welder/ENL (MIL)** |
| 480508 | Welding, Brazing & Soldering |
| **7532100** | **Welding Machine Setter Or Set-up Operator** |
| 150610 | Welding Technology |
| 480508 | Welding, Brazing & Soldering |
| **8314200** | **Well Puller** |
| 470301 | Industrial Equipment Maintenance & Repair, General |
| **1442100** | **Wholesale & Retail Buyer** |
| 060402 | Contract Management & Procurement/Purchasing |
| 080703 | International Marketing |
| 080704 | Purchasing |
| 080707 | Wholesaling |
| **4020100** | **Wholesale Sales Manager** |
| 061401 | Marketing Management |
| **5149211** | **Wildlife Control Agent** |
| 430101 | Correctional Administration |
| 430102 | Corrections |
| 430104 | Criminal Justice Studies |
| 430105 | Criminal Justice Technology |
| 430199 | Criminal Justice, Other |
| 430106 | Forensic Science |
| 430107 | Law Enforcement |
| 430108 | Law Enforcement Administration |
| **7630100** | **Woodworking Machine Operator** |
| 480702 | Furniture Making |
| 480703 | Millwork & Cabinet Making |
| 480701 | Woodworking, General |
| **1854700** | **Zoologist** |
| 260702 | Entomology |
| 260703 | Genetics, Human & Animal |
| 260704 | Pathology, Human & Animal |
| 260705 | Pharmacology, Human & Animal |
| 260706 | Physiology, Human & Animal |
| 260701 | Zoology, General |

# WORKER TRAIT GROUP (WTG) INDEX

**01.01 Literary Arts**

Workers in this group write, edit, or direct the publication of prose or poetry. They find employment on newspapers, or magazines, in radio and television studios, and in the theater and motion picture industries. Some writers are self-employed and sell stories, plays, and other forms of literary composition to publishers.

Film Editor

**01.02 Visual Arts**

Workers in this group create original works of art or do commercial art work, using such techniques as drawing, painting, photographing, and sculpturing to express or interpret ideas or to illustrate various written materials. Some visual artists design products, settings, or graphics (such as advertisements or book covers), and oversee the work of other artists or craftsmen who produce or install them. Others teach art, or appraise or restore paintings and other fine art objects. Advertising agencies, printing, television and motion picture studios, museums and restoration laboratories employ visual artists. They also work for manufacturers and in retail and wholesale trade. Many are self-employed, operating their own commercial art studios.

Audiovisual Production Specialist
Photographer
Interior Designer
Displayer, Merchandise
Movie and TV Camera Operator

**01.03 Performing Arts: Drama**

Workers in this group produce, direct, and perform in dramatic productions and similar forms of entertainment. They also teach acting, choose performers for particular roles, and perform other 'behind-the-scenes' work to make productions run smoothly. They are employed by motion picture, television, and radio studios, and by stock companies, theaters and other places where plays or floor shows are presented. Schools and colleges hire performing artists both to teach drama and to produce and direct student productions. Full time employment in this field is found at educational institutions, at studios which have staff announcers, disc jockeys, 'talk shows' or dramatic presentations. Most performing artists are not permanently employed and must audition for roles.

Radio and Television Announcer

**01.04 Performing Arts: Music**

Workers in this group sing or play instruments, teach, or direct vocal or instrumental music. They compose, arrange, or orchestrate musical compositions, and plan the presentation of concerts. They work for motion picture studios, television and radio networks or local stations, recording studios, night clubs, and other places where musical entertainment is provided. They may be employed by orchestras, bands, or choral groups which give performances. Composers, arrangers, and orchestrators work for music publishing companies and firms in the recording and entertainment fields. Schools and colleges hire musicians to teach and direct vocal and instrumental music. Many musicians are self-employed, and like all performing artists, must audition for parts in musical productions or for employment with an orchestra or other performing group.

Teacher; Music, Art or Drama
Music Conductor

### 01.06 Craft Arts

Workers in this group apply artistic techniques, fabricate, decorate or repair a variety of products, and reproduce photographs and graphics or printed materials. They use engraving and etching precision equipment, knives and chisels, paint brushes and power tools to work wood, stone, clay, metal, and gemstones, or embellish objects made from all these materials. They are employed by manufacturing firms, printing and publishing companies, and motion picture and television studios. They also work for advertising agencies and other firms which provide specialized services, museums, and retail stores. Some craft artists are self-employed, selling items they have made, or providing their services on a free-lance basis to businesses and individuals.

Photoengraving and Lithographing Machine Operator
Photographic Process Worker
Graphic Arts Technician
Jeweler or Silversmith
Engraver
Printing Specialist/Enl (Mil)

### 01.08 Modeling

Workers in this group appear before a camera or live audience in non-speaking capacities. They stand in for actors and take part in crowd scenes in television or motion picture productions. They show clothing, hair styles, and other products, appear in fashion shows and other public or private product exhibitions, and pose for artists and photographers. They work for manufacturers, or wholesale, and retail establishments. Some are employed by motion picture and television studios, nightclubs, and other entertainment facilities. Modeling instructors work for public or private schools. Many of these workers are self-employed, or obtain job assignments through model agencies or unions which represent persons in the entertainment industry.

Model

### 02.01 Physical Sciences

Workers in this group are concerned mostly with non-living things, such as chemicals, rocks, metals, mathematics, movements of the earth and the stars, etc. They conduct scientific studies and perform other activities requiring a knowledge of math, physics, or chemistry. Workers investigate, discover, and test new theories. Some look for ways to develop new or improved materials or processes for use in production and construction. Others do research in such fields as geology, astronomy, oceanography, and computer science. Workers base their conclusions on information that can be measured or proved. Industries, government agencies, or large universities employ most of these workers in their research facilities.

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Meteorologist
Chemist

### 02.03 Medical Sciences

Workers in this group are involved in the prevention, diagnosis, and treatment of human and animal diseases, disorders, or injuries. It is common to specialize in specific kinds of illnesses, or special areas or organs of the body. Workers who prefer to be more general may become general practitioners, family practitioners, or may learn to deal with groups of related medical problems. A wide variety of work environments is available to medical workers ranging from large city hospitals and clinics, to home offices in rural areas, to field clinics in the military or in underdeveloped countries.

Veterinarian
Dentist
Podiatrist
Optometrist

### 02.04 Laboratory Technology

Workers in this group use special laboratory techniques and equipment to perform tests in the fields of chemistry, biology, or physics. They record information that results from their experiments and tests. They help scientists, medical doctors, researchers, and engineers in their work. Hospitals, government agencies, universities, and private industries employ these workers in their laboratories and research facilities.

Medical or Clinical Laboratory Technologist
Pharmacist
Nuclear Technician/Technologist
Embalmer
Medical or Clinical Laboratory Technician

### 03.01 Managerial Work: Plants and Animals

Workers in this group operate or manage farming, fishing, forestry, and horticultural service business of many kinds. Some of them breed specialty plants and animals. Others provide services to increase production or beautify land areas. Many of them work in rural or woodland areas, on farms, ranches, and forest preserves. Others find employment with commercial nurseries, landscaping firms, business services, or government agencies located in large and small communities all over the country. Many are self-employed, operating their own large or small businesses.

Farm Manager
Forester or Conservation Scientist
Farmer

### 03.03 Animal Training and Service

Workers in this group take care of animals of many kinds, and train them for a variety of purposes. They work in pet shops, testing laboratories, animal shelters, and veterinarians' offices. Some are employed by zoos, aquariums, circuses, and at other places where animals are exhibited or used in entertainment acts. Others work for animal training or obedience schools,

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or in stables or kennels maintained by individuals or such facilities as race tracks or riding academies. These workers are not employed on farms, ranches or other places where animals are raised as crops.

Animal Caretaker

### 03.04 Elemental Work: Plants and Animals

Workers in this group perform active physical tasks, usually in an outdoor, non-industrial setting. They work with their hands, use various kinds of tools and equipment, or operate machinery. They find employment on farms or ranches, at logging camps or fish hatcheries, in forests or game preserves, or with commercial fishing businesses where they may work onshore or in fishing boats. In urban areas, they work in parks, gardens, or nurseries, or for businesses that provide horticultural or agricultural services.

General Farm Worker
Farm Equipment Operator
Nursery Worker
Gardener or Groundskeeper
Agricultural Grader or Sorter
Forestry and Conservation Worker
Bucker or Faller
Logging Tractor Operator

### 04.01 Safety and Law Enforcement

Workers in this group are in charge of enforcing laws and regulations. Some investigate crimes, while others supervise workers who stop or arrest lawbreakers. Others make inspections to be sure that the laws are not broken. Most jobs are found in the Federal, State, or local governments, such as the Police and Fire Departments. Some are found in private businesses, such as factories, stores, and similar places.

Police Detective
Fish and Game Warden
Sheriff or Deputy Sheriff
Private Detective or Investigator

### 04.02 Security Services

Workers in this group protect people and animals from injury or danger. They enforce laws, investigate suspicious persons or acts, prevent crime, and fight fires. Some of the jobs are found in Federal, State, or local governments. Some workers are hired by railroads, hotels, lumber yards, industrial plants, and amusements establishments. Some work on their own, acting as bodyguards, or private detectives.

Fire Fighter
Corrections Officer or Jailer
Bailiff

### 05.01 Engineering

Workers in this group plan, design, and direct the construction or development of buildings, bridges, roads, airports, dams, sewage systems, air-conditioning systems, mining machinery, and other structures and equipment. They also develop processes and/or techniques for generating and transmitting electrical power, manufacturing chemicals,

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extracting metals from ore, and controlling the quality of products being made. Workers specialize in one or more kinds of engineering, such as civil, electrical, mechanical, mining, and safety. Some are hired by industrial plants, petroleum and mining companies, research laboratories, and construction companies. Others find employment with Federal, State, and local governments. Some have their own engineering firms, and accept work from various individuals or companies.

Architect
Landscape Architect
Aeronautical Engineer
Metallurgical or Materials Engineer
Mining Engineer
Petroleum Engineer
Chemical Engineer
Nuclear Engineer
Civil Engineer
Forest Engineer
Agricultural Engineer
Electrical or Electronics Engineer (N/E)
Safety Engineer
Mechanical Engineer
Marine or Naval Architect
Marine Engineer
Electrical/Electronic Engineering Technologist
Mechanical Engineering Technician
Test Technician
Computer Programmer, Numerical Control Tape

### 05.02 Managerial Work: Mechanical

Workers in this group manage industrial plants or systems where technical work is being performed. Jobs are found in oil fields, power plants, transportation companies, radio and television networks, and telephone and related communications systems.

Industrial Production Manager
Construction Manager
Mechanics' and Repairers' Supervisor

### 05.03 Engineering Technology

Workers in this group collect, record, and coordinate technical information in such activities as surveying, drafting, petroleum production, communications control, and materials scheduling. Workers find jobs in construction, factories, engineering and architectural firms, airports, and research laboratories.

Construction Inspector
Cost Estimator
Surveying and Mapping Scientist
Civil Engineering Technician
Industrial Engineering Technician
Drafter, Mechanical
Air Traffic Controller
Dispatcher; Except Police, Fire, Ambulance
Apparel Patternmaker

### 05.04 Air and Water Vehicle Operation

Workers in this group pilot airplanes or ships, or supervise others who do. Some instruct other persons in flying. Most of these workers are hired by shipping companies and commercial airlines. Some find jobs piloting planes or ships for private companies or for individuals.

Ship Captain or Pilot
Ship Mate
Captain, Fishing Vessel

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Aircraft Pilot or Flight Engineer

### 05.05 Craft Technology

Workers in this group perform highly skilled hand and/or machine work requiring special techniques, training, and experience. Work occurs in a variety of non-factory settings. Some workers own their own shops.

Dietician or Nutritionist
Cook, Restaurant
Automobile Mechanic
Diesel Engine Mechanic
Aircraft Engine Mechanic
Motorcycle Repairer
Small Engine Specialist
Marine Mechanic
Automotive Body Repairer
Aircraft Mechanic
Heavy Equipment Mechanic
Rail Car Repairer
Farm Equipment Mechanic
Industrial Machinery Mechanic
Radio Mechanic
Electrical Motor Repairer
Electronics Repairer, Commercial and Industrial Equip.
Powerhouse or Substation Electrician
Electrical Home Appliance and Power Tool Servicer
Telephone Line Installer or Repairer
Telephone Installer or Repairer
Heating, Air-Conditioning, and Refrigeration Mechanic
Camera and Photographic Equipment Repairer
Electric Meter Installer or Repairer
Precision Instrument Repairer
Watch Maker or Repairer
Locksmith and Safe Repairer
Office Machine and Cash Register Servicer
Elevator Installer or Repairer
Rigger
Millwright
Brickmason
Stonemason
Hard Tile Setter
Ceiling Tile Installer
Electrician
Plasterer or Stucco Mason
Plumber or Pipefitter
Concrete and Terrazzo Finisher
Reinforcing Metal Worker
Tool and Die Maker
Structural Metal Fitter
Machinist
Instrument Maker
Boilermaker
Pattern and Model Maker, Metal
Shipfitter
Layout Worker I, Machine Shop
Sheet Metal Worker
Typesetter
Job Printer
Bookbinder
Custom Tailor or Sewer
Upholsterer
Optical Goods Worker
Dental Laboratory Technician
Combination Machine Tool Setter or Operator
Offset Lithographic Press Setter or Setup Operator
Letterpress Setter or Set-Up Operator
Welder or Cutter

### 05.06 Systems Operation

Workers in this group operate and maintain equipment in an overall system, or a section of a system, for such purposes as generating and distributing electricity; treating and providing water to customers; pumping oil from oil fields to storage tanks, making ice in an ice plant; and providing telephone service to users. These jobs are found in utility

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companies, refineries, construction projects, large apartment houses and industrial establishments, and with city and county governments.

Water and Sewage Treatment Plant Operator
Petroleum Refinery Operator
Stationary Engineer
Power Generating Plant Operator
Power Distributor or Dispatcher
Power Reactor Plant Operator
Boiler Operator
Ship Engineer

### 05.08 Land and Water Vehicle Operation

Workers in this group drive large or small trucks, delivery vans, or locomotives, to move materials or deliver products. Some drive ambulances, others operate small boats. Most of these jobs are found with trucking companies, railroads and water transportation companies. Wholesale and retail companies hire delivery drivers; ambulance drivers are hired by hospitals, fire departments, and other establishments concerned with moving the sick or injured.

Heavy Truck Driver
Light Truck Driver
Locomotive and Rail Yard Engineer
Motorboat Operator

### 05.09 Material Control

Workers in this group receive, store, and/or ship materials and products. Some estimate and order the quantities and kinds of materials needed. Others regulate and control and flow of materials to places in the plant where they are to be used. Most have to keep records. Jobs are found in institutions, industrial plants, and Government agencies.

Stock Clerk, Sales Floor
Shipping and Receiving Clerk
Stock Clerk, Stockroom or Warehouse
Order Filler, Sales
Meter Reader, Utilities
Laboratory Clerk
Pharmacy Assistant

### 05.10 Crafts

Workers in this group use hands and handtools skillfully to fabricate, process, install, and/or repair materials, products, and/or structural parts. They follow established procedures and techniques. The jobs are not found in factories, but are in repair shops, garages, wholesale and retail stores, and hotels. Some are found on construction projects, and others with utilities, such as telephone and power systems.

Optician, Dispensing and Measuring
Cook, Institution or Cafeteria
Baker, Bread and Pastry
Cook, Short-Order
Pest Control Worker or Assistant
Sewing Machine Repairer
Bicycle Repairer
Coin and Vending Machine Servicer or Repairer
Maintenance Repairer, General Utility
Drywall Installer
Lather
Painter or Paperhanger
Carpet Installer
Floor Layer
Glazier
Insulation Worker
Roofer
Blaster or Explosives Worker

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- Roustabout
- Motion Picture Projectionist
- Typesetting or Composing Machine Operator
- Painter, Transportation Equipment
- Photographic Processing Machine Operator
- Service Station Attendant

### 05.11 Equipment Operation

Workers in this group operate heavy machines and equipment to dig, dredge, hoist, or move substances and materials. They also operate machines to pave roads. These jobs are found at mining, logging, and construction sites; docks; receiving and shipping areas of industrial plants; and large storage buildings and warehouses.

- Paving and Surfacing Equipment Operator
- Pile Driver Operator
- Oil Well Driller
- Operating Engineer
- Longshore Equipment Operator
- Hoist and Winch Operator
- Crane and Tower Operator
- Grader and Dozer Operator
- Industrial Truck or Tractor Operator

### 05.12 Elemental Work: Mechanical

Workers in this group perform a variety of unskilled tasks, such as moving materials, cleaning work areas, operating simple machines, or helping skilled workers. These jobs are found in a variety of non-factory settings.

- Duplicating Machine Operator
- Housekeeper, Institutional
- Janitor or Maid or Cleaner
- Tire Repairer or Changer
- Dock Hand
- Track Repairer
- Highway Maintenance Worker
- Transportation Supervisor
- Railroad Braker, Signal and Switch Operator
- Sailor
- Refuse Collector

### 06.01 Production Technology

Workers in this group use their skill and knowledge of machines and processes to perform one or more demanding or complex activities. Some set up machines for others to operate or set up and perform a variety of machine operations on their own. Some do precision handwork; some supervise or instruct others in the use of machines, processes to be carried out, and the techniques to be used.

- Aircraft Structure Assembly Worker
- ElectromechanicalEquipmentAssembler
- Coremaker
- Electrical and Electronic Equipment Assembler
- Lathe and Turning Machine Set-Up Operator
- Drilling or Boring Machine Setter or Set-Up Operator
- Screen Printing Machine Set-Up Operator
- Textile Machine Setter or Set-Up Operator
- Paper Goods Machine Setter

### 06.02 Production Work

Workers in this group perform skilled hand and/or machine work to make

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products in a factory setting.

Trailer Assembler
Butcher
Baker
Chemical Plant and System Operator
Punch Machine Set-Up Operator
Grinding and Buffing Machine Tool Setter
Numerical Control Machine Set-Up Operator
Plating Machine Set-Up Operator or Setter
Dairy Processing Equipment Operator
Soldering Machine Operator
Molding or Casting Machine Operator or Setter, Metal
Electroplating Machine Setter or Operator
Heat Treating Equipment Operator
Furnace Operator
Sawing Machine Setter and Operator
Sewing Machine Operator, Garment
Shoe Sewing Machine Operator
Painting Machine Setter or Operator
Chemical Equipment Controller or Operator
Tire Building Machine Operator
Machine Assembler
Electrical and Electronic Assembler
Furniture Assembler
Portable Machine Cutter

### 06.04 Elemental Work: Industrial

Workers in this group feed, off bear, or tend machines and equipment, or do manual work. They perform routine, uncomplicated work that requires little training or experience. They also assist other, more skilled workers. They work in a factory setting.

Machinery Maintenance Worker
Bindery Machine Operator or Setter
Machine Forming Operator
Machine Tool Cutter
Production Machine Tender
Metal Fabricating Machine Operator
Woodworking Machine Operator
Press Machine Operator
Laundry and Drycleaning Machine Operator
Cement and Glue Machine Operator
Packaging and Filling Machine Operator
Crushing and Mixing Machine Operator
Separating and Still Machine Operator
Electronic Semiconductor Processor
Solderer or Brazer
Coil Winder or Taper/Finisher
Hand Cutter or Trimmer
Meat, Poultry and Fish Cutter
Grinder or Polisher, Hand
Hand Presser
Cannery Worker
Tank Car and Truck Loader
Vehicle Washer or Equipment Cleaner

### 07.01 Administrative Detail

Workers in this group perform clerical work which required special skills and knowledge. They perform management activities according to established regulations and procedures. Jobs in this group are found in the offices of businesses, industries, courts of law, and government agencies, as well as in offices of doctors, lawyers, and other professionals.

Legal Secretary
Medical Secretary
Secretary
Real Estate Clerk
Procurement Clerk
Social Welfare Clerk
Teacher Aide
Court Clerk
Municipal Clerk

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### 07.02 Mathematical Detail

Workers in this group use clerical and math skills to gather, organize, compute, and record, with or without machines, the numerical information used in businesses or in financial transactions. Jobs in this group are found wherever numerical record-keeping is important. Banks, finance companies, accounting firms, or the payroll and inventory control departments in business and government are typical places where this work is done.

Insurance Claim Examiner
Advertising Clerk
Brokerage Clerk
Statement Clerk
Tax Preparer
Billing or Posting Machine Operator
Statistical Clerk

### 07.03 Financial Detail

Workers in this group use basic math skills as they deal with the public. Keeping records, answering customers' questions, and supervising others is often part of the job. Jobs in this group are found where money is paid to or received from the public. Banks, grocery check-out counters, and ticket booths are typical places of employment.

Postal Service Clerk
Bill and Account Collector

### 07.04 Oral Communications

Workers in this group give and receive information verbally. Workers may deal with people in person, by telephone, telegraph, or radio. Recording of information in an organized way is frequently required. Private businesses, institutions such as schools and hospitals, and government agencies hire these workers in their offices, reception areas, registration desks, and other areas of information exchange.

Radio Operator
New Accounts Clerk
Hotel or Motel Desk Clerk
Reservation and Ticket Agent
Customer Service Representative,
  Utilities
Telegrapher
Telephone-Answering-Service Operator
Service Observer
Dispatcher; Police, Fire, Ambulance
License Clerk
Fire Lookout
Recreation and Amusement Attendant

### 07.05 Records Processing

Workers in this group prepare, review, maintain, route, distribute, and coordinate recorded information. They check records and schedules for accuracy. They may schedule the activities of people or the use of equipment. Jobs in this group are found in most businesses, institutions, and government agencies.

MedicalRecordTechnician/Technologist
Title Examiner or Searcher
Stenographer
Credit or Loan Clerk
Order Clerk, Merchandise, Materials,
  and Service
Personnel Clerk, Except Payroll
File Clerk
Insurance Policy Processing Clerk

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Postal Mail Carrier
Mail Clerk
Insurance Claim Clerk
Adjustment Clerk
Credit Checker
Proofreader
Credit Authorizer

### 07.06 Clerical Machine Operation

Workers in this group use business machines to record or process data. They operate machines that type, print, sort, compute, send or receive information. Their jobs are found in businesses, industries, government agencies, or wherever large amounts of data are processed, sent, or received.

Computer Operator
Peripheral EDP Equipment
  Operator (N/E)
Typist
Typist, Word Processing
Data Entry Keyer
Data Keyer, Composing (N/E)

### 08.01 Sales Technology

Workers in this group sell products such as industrial machinery, data processing equipment, and pharmaceuticals; services such as industrial shipping, insurance, and advertising. They advise customers of the capabilities, uses, and other important matters of these products and services, and help them choose those best suited to their needs. They work for manufacturers, wholesalers, and insurance, financial, and business service institutions. Also included in this group are workers who buy products, materials, securities, and properties for resale. Some work for themselves.

Wholesale and Retail Buyer
Purchasing Agent, Farm Products
Insurance Sales Agent
Advertising Sales Agent

### 08.02 General Sales

Workers in this group sell, demonstrate, and solicit orders for products and services of many kinds. They are employed by retail and wholesale firms, manufacturers and distributors, business services, and non-profit organizations. Some spend all their time in a single location, such as a department store or automobile agency. Others call on businesses or individuals to sell products or services, or follow up on earlier sales.

Sales Representative, Business Services
Salesperson, Automobile Accessories
Salesperson, Sporting Goods
Salesperson, Parts
Travel Agent

### 09.01 Hospitality Services

Workers in this group help persons, such as visitors, travelers, and customers, get acquainted with and feel at ease in an unfamiliar setting; provide escort and guide services; and plan and direct social activities. They may also be concerned with the safety and comfort of people when they are traveling or vacationing. These workers find employment with air-, rail-, and water transportation companies; radio and television broadcasting stations; hotels and restaurants; museums; retirement

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homes, and related establishments.

Recreation Worker
Host or Hostess
Guide
Flight Attendant
Funeral Attendant

### 09.02 Barber and Beauty Services

Workers in this group provide people with a variety of barbering and beauty services. These services involve care of the hair, skin, and nails. These workers find employment in barber and beauty shops, department stores, hotels, and retirement homes. A few workers find jobs on passenger ships. Some are self-employed and work in their own homes or go to the customer.

Barber
Cosmetologist or Hairdresser

### 09.03 Passenger Services

Workers in this group drive buses, taxis, limousines, or other vehicles to transport people. Workers who teach driving are also included in this group. Taxi, bus, and street railway companies hire most of the workers in this group but they can also find employment with government agencies.

Bus Driver
School Bus Driver
Taxi Driver or Chauffeur

### 09.04 Customer Services

Workers in this group provide customers in commercial settings with various services ranging from delivering newspapers to serving food. Their duties usually include receiving payment and making change. Most of these workers find employment in hotels, restaurants, stores, and concessions. However, some do work on board trains and ships and at amusement parks and resorts.

Counter and Rental Clerk
Customer Service Clerk
Bartender
Waiter or Waitress
Food Counter Worker
Parking Lot Attendant

### 09.05 Attendant Services

Workers in this group perform services that make life easier and more pleasant for people. They do things that people can't or don't want to do for themselves, like opening doors, delivering messages, carrying luggage and packages, and dishing up food. They find employment in a variety of settings, such as hotels, airports, golf courses, theaters, reducing salons, and gymnasiums.

Food Service Worker, Hospital
Restaurant Attendant
Manicurist
Usher or Lobby Attendant
Porter or Bellhop

### 10.01 Social Services

Workers in this group help people deal with their problems. They may work with one person at a time or with groups of people. Workers sometimes specialize in problems that

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are personal, social, vocational, physical, educational, or spiritual in nature. Schools, rehabilitation centers, mental health clinics, guidance centers, and churches employ these workers. Jobs are also found in public and private welfare and employment services, juvenile courts, and vocational rehabilitation programs.

Social Service Technician
Clergy
Guidance Counselor

### 10.02 Nursing, Therapy, & Specialized Teaching Services

Workers in this group care for, treat, or train people to improve their physical and emotional well being. Most workers in this group deal with people who are sick, injured, or handicapped. Some workers are involved in health education and sickness prevention. Hospitals, nursing homes, and rehabilitation centers hire workers in this group, as do schools, industrial plants, doctors' offices, and private homes. Some sports also have a need for workers in this group.

Nursing Instructor
Teacher, Preschool
Teacher, Special Education
Respiratory Therapist
Occupational Therapist (N/E)
Physical Therapist (N/E)
Physician's Assistant (N/E)
Dental Hygienist (N/E)
Nuclear Medicine Technologist (N/E)
Radiologic Technologist (N/E)
Radiation Therapy Technologist
Licensed Practical Nurse
Occupational Therapy Assistant (N/E)
Physical Therapy Assistant (N/E)

### 10.03 Child and Adult Care

Workers in this group are concerned with the physical needs and the welfare of others. They assist professionals in treating the sick or injured. They care for people who are elderly, the very young, or handicapped. Frequently these workers help people do the things they cannot do for themselves. Jobs are found in hospitals, clinics, day care centers, nurseries, schools, private homes, and centers for helping people with disabilities.

Electrocardiograph Technician
Electroencephalograph
  Technician/Technologist
Emergency Medical Technician
Surgical Technician or Technologist
Dental Assistant (N/E)
Medical Assistant (N/E)
Ambulance Driver or Attendant
Nurse Aide or Orderly
Home Health Aide (N/E)
Psychiatric Aide
Social Welfare Service Aide
Child Care Aide

### 11.01 Mathematics and Statistics

Workers in this group use advanced math and statistics to solve problems and conduct research. They analyze and interpret numerical data for planning and decision making. Some of these workers may first study and then determine how computers may best be used to solve problems or process information. Colleges, large businesses and industries, research organizations, and government

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agencies use these workers.

Computer Systems Analyst (N/E)
Operations Research Analyst (N/E)
Operation Analyst/Off (Mil)
Actuary
Statistician
Financial Analyst, Statistical
Mathematical Technician

**11.02 Educational and Library Services**

Workers in this group do general and specialized teaching, vocational training, advising in agriculture and home economics, and library work of various kinds. Jobs are found in schools, colleges, libraries, and other educational facilities.

Teacher, Kindergarten or Elementary
Teacher, Secondary School
Teacher, Vocational Education
Librarian
Library Technician
Library Assistant

**11.03 Social Research**

Workers in this group gather, study, and analyze information about individuals, specific groups, or entire societies. They conduct research, both historical and current, into all aspects of human behavior, including abnormal behavior, language, work, politics, lifestyle, and cultural expression. They are employed by museums, schools and colleges, government agencies, and private research foundations.

Employment Interviewer
Urban and Regional Planner

**11.04 Law**

Workers in this group advise and represent others in legal matters. Those in small towns and cities conduct criminal or civil cases in court, draw up wills and other legal papers, abstract real estate, and perform related activities. Those in large cities usually specialize in one kind of law, such as criminal, civil, tax, labor; or patent. They work in law firms, unions, government agencies, and commercial and industrial establishments. Some are self-employed and have their own office. Lawyers are frequently elected to public office, particularly as legislators. Many State Governors and U.S. Presidents have been lawyers.

Lawyer
Judge
Legal Technician (N/E)

**11.05 Business Administration**

Workers in this group are top level administrators and managers who work through lower level supervisors to direct all or a part of the activities in private establishments or Government agencies. They set policies, make important decisions, and set priorities. These jobs are found in large businesses, industry, and government. Labor unions and associations will also hire these workers.

Legislative Assistant
General Manager or Chief Executive
Financial Manager
Personnel, Training and Labor
  Relations Manager

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Purchasing Manager
Postmaster or Mail Superintendent
Management Analyst
Purchasing Agent, Wholesale or Retail

### 11.06 Finance

Workers in this group use mathematical and analytical skills to design financial systems and examine and interpret financial records. They are concerned with accounting and auditing activities, records systems analysis, risk and profit analyses, brokering, and budget and financial control. They find employment in banks, loan companies, investment firms, colleges, government agencies and miscellaneous business firms. Some workers, like accountants and appraisers are self-employed.

Accountant or Auditor
Underwriter
Loan Officer or Counselor
Budget Analyst
Credit Analyst
Tax Examiner or Revenue Agent
Real Estate Appraiser
Securities and Financial Services Sales Agent

### 11.07 Services Administration

Workers in this group manage programs and projects in agencies that provide people with services in such areas as health, welfare, and recreation. They are in charge of program planning, policy making, and other managerial activities. The jobs are found in welfare and rehabilitation agencies and organizations, hospitals, schools, churches, libraries, and museums.

Education Administrator
Medicine and Health Service Manager (N/E)
Director of Religious Activities

### 11.08 Communications

Workers in this group write, edit, report, and translate factual information. They find employment with radio and television broadcasting stations, newspapers, and publishing firms. Government agencies and professional groups provide some opportunities as do large firms which publish company newspapers and brochures.

Newscaster
Reporter or Correspondent

### 11.09 Promotion

Workers in this group raise money, advertise products and services, and influence people in their actions or thoughts. They find employment in businesses and industry, with advertising agencies, professional groups, unions, colleges, and government agencies.

Marketing, Advertising or Public Relations Manager

### 11.10 Regulations Enforcement

Workers in this group enforce government regulations and company policies that affect peoples' rights, health and safety, and finances. They examine records, inspect products, and investigate services, but do not engage in police work. Most workers find

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employment with government agencies, licensing departments, and health occupations. Some are employed by retail establishments, mines, transportation companies, and non-profit organizations.

Fire Inspector

## 11.11 Business Management

Workers in this group manage a business, such as a store or cemetery, a branch of a large company, such as a local office for a credit corporation, or a department within a company, such as a warehouse. They usually carry out operating policies and procedures determined by administrative workers, such as presidents, vice-presidents and directors. Some manage their own businesses and are self-employed. Managers find employment in all kinds of businesses as well as government agencies.

Food Services Manager
Property and Real Estate Manager
Funeral Director
Railroad Conductor or Yardmaster

## 11.12 Contracts and Claims

Workers in this group negotiate contracts and settle claims for companies and individuals. Some make arrangements for agreements between buyers and sellers. Others investigate claims involving damage, injury, and losses. Jobs are found in insurance and transportation companies; businesses; construction companies; and government agencies. Some are found in booking agencies. These agents are frequently self-employed.

Insurance Adjuster

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FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **ACCOUNTANT OR AUDITOR**
SOC No. 1412100
DOT No. 160.167-010
GOE Interest Area: 11.06 Finance

### DESCRIPTION

Studies financial records in order to give advice on money matters or prepare financial statements. May prepare income tax forms or advise clients on financial decisions. May develop estate plans, accounting systems or budgets.
RELATED EDUCATION PROGRAMS: Accounting. License required for CPA.
EMPLOYERS: Accounting services; Government agencies; Wholesale and retail trade businesses; Self-employed
MORE INFORMATION: American Institute of Certified Public Accountants; 1211 Avenue of the America; New York, NY 10036. Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 160.167-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- dealing with people.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Personal Affairs Management Services
- Justice, Public Order and Safety
- Self-employed

### SIMILAR OCCUPATIONS

- Accountant, Tax;
- Accountant, Cost;
- Accountant/Auditor/Off (Mil);
- Auditor, County or City;
- Accountant, Property;
- Auditor, Internal;

### PROGRAMS OF STUDY

- Accounting
- Accounting, Bookkeeping & Related Programs, Other
- Accounting, Bookkeeping & Related Programs, General

### EDUCATION LEVEL

- Undergraduate Degree.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 48,108 (in 1993)
  : 54,737 (in 1998)

Average annual number of openings from 1993 to 1998: 3,558
This trend indicates a 14% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: ACTUARY**
SOC No. 1732200
DOT No. 020.167-010
GOE Interest Area: 11.01 Mathematics and Statistics

DESCRIPTION

Applies knowledge of math, statistics, and business to determine how likely death, sickness, unemployment, property loss will be for various groups of people. Helps design and set insurance rates for private business or public agencies. May work for a bank, insurance agency, or private consultant.
RELATED EDUCATION PROGRAMS: Actuarial Sciences; Mathematics; Statistics.
EMPLOYERS: Accounting services; Insurance companies and agents.
MORE INFORMATION: American Academy of Actuaries; 1835 K St. NW; Suite 515; Washington, D.C. 20006

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- overtime work.

PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 020.167-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 1 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- taking responsibility.
- meeting strict standards.
- decisions based on facts.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Life Insurance
- Justice, Public Order and Safety
- Services, Not Elsewhere Classified

SIMILAR OCCUPATIONS
- Mathematician
- Weight Analyst;
- Financial Analyst, Statistical;

PROGRAMS OF STUDY
- Actuarial Sciences
- Statistics
- Applied Mathematics

EDUCATION LEVEL
- Undergraduate Degree.

AVERAGE BEGINNING WAGE
- $33,000 to $39,999 pear year (up to $20.41 per hour)

FUTURE OUTLOOK
- Projected number of employees: 146 (in 1993)
  : 163 (in 1998)

Average annual number of openings from 1993 to 1998: 4
This trend indicates a 12% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **ADJUSTMENT CLERK**
SOC No. 4783100
DOT No. 241.367-014
GOE Interest Area: 07.05 Records Processing

### DESCRIPTION

Investigates and resolves customer complaints about goods, services, billing, or credit rating. Examines the information to determine the accuracy of the complaint. Notifies customers of recommendations, such as an exchange of merchandise, refund of money, or adjustment of customer bill.
RELATED EDUCATION PROGRAMS: General Office Clerk. On-the-job training.
EMPLOYERS: Department stores; Telephone companies; Banks.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 241.367-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- business contact with people.
- studying people or communicating ideas.
- detailed, organized work following set sequence.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- decisions based on personal judgment.
- dealing with people.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Department Stores
- Commercial and Stock Savings
- Newspapers: Publishing or Printing

### SIMILAR OCCUPATIONS

- Customer Complaint Clerk;
- Service Representative, Utilities;
- Investigator Utility-Bill Complaints;
- Claims Clerk;

### PROGRAMS OF STUDY

- Insurance Marketing, General

### EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 13,185 (in 1993)
  : 14,720 (in 1998)

Average annual number of openings from 1993 to 1998: 691
This trend indicates a 12% change.

FLORIDA VIEW

## Vital Information for Education and Work

Title: **ADVERTISING CLERK**
SOC No. 4662100
DOT No. 247.387-010
GOE Interest Area: 07.02 Mathematical Detail

### DESCRIPTION

Takes orders for classified advertising for newspapers or magazines by telephone or in person. Talks to customers to determine advertisement layout, wording and dates of publication. Figures out costs using rate schedule. Takes payments. May use a computer program to design layout of advertisement.

RELATED EDUCATION PROGRAMS: Receptionist and Communication Systems Operation.

EMPLOYERS: Newspaper and periodical publishing Companies; Advertising agencies.

MORE INFORMATION: American Association of Advertising Agencies; 666 Third Ave; 13th Floor; New York, NY 10017.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 247.387-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Newspapers: Publishing or Printing
- Miscellaneous Publishing
- Miscellaneous Business Services

### SIMILAR OCCUPATIONS

- Advertising Dispatch Clerk;
- Advertising Space Clerk;
- Media Clerk;
- Classified-Ad Clerk;
- Production Proofreader;

### PROGRAMS OF STUDY

- Marketing Management
- Marketing Research
- Marketing Management & Research, Other
- Advertising
- Business & Personal Services Marketing, General
- Receptionist & Communication Systems Operation
- Public Relations

### EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,331 (in 1993)
  : 1,522 (in 1998)

Average annual number of openings from 1993 to 1998: 89
This trend indicates a 14% change.

VIEW No. 4

FLORIDA
**VIEW**

**Vital Information for Education and Work**

Title: **ADVERTISING SALES AGENT**
SOC No. 4153100
DOT No. 254.357-014
GOE Interest Area: 08.01 Sales Technology

## DESCRIPTION

Calls on businesses to sell advertising materials and services. May sell art work for printed advertisements, time on radio and TV, or space in newspapers or magazines. May arrange leases for outdoor advertising such as signs, billboards, or park benches.

RELATED EDUCATION PROGRAMS: Advertising; Marketing or Business or Personnel Services.

EMPLOYERS: Advertising agencies; Sign and billboard companies; Radio and TV companies.

MORE INFORMATION: Promotion Marketing Association of America Inc; 322 Eighth Ave, Suite 1201; New York, NY 10001.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 254.357-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(5) Persuading: Winning others over to a product, service, or point of view.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Artistic - includes artistic, musical, and some writing occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- influencing people.
- dealing with people.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Advertising
- Miscellaneous Publishing
- Newspapers: Publishing or Printing

## SIMILAR OCCUPATIONS

- Sales Representative, Radio and Television
- Sales Representative, Graphic Art;
- Sales Representative, Signs and Displays
- Leasing Agent, Outdoor Advertising;

## PROGRAMS OF STUDY

- Marketing Management
- Small Business Management & Ownership
- Public Relations
- Advertising
- Business & Personal Services Marketing, General
- Marketing Research
- Marketing Management & Research, Other

## EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 9,866 (in 1993)
  : 11,530 (in 1998)

Average annual number of openings from 1993 to 1998: 828
This trend indicates a 17% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

**Title: AERONAUTICAL ENGINEER**
SOC No. 1622100
DOT No. 002.061-014
GOE Interest Area: 05.01 Engineering

DESCRIPTION

Designs, develops, and tests aircraft that fly, within the earth's atmosphere. Develops military, commercial or business aircraft. Tests models of airplanes for performance under normal conditions and stressful situations.

RELATED EDUCATION PROGRAMS: Aerospace, Aeronautical and Astronautical Engineering.

EMPLOYERS: Manufacturers of aircraft; NASA; Department of Defense.

MORE INFORMATION: American Institute of Aeronautics and Astronautics, Inc; 1633 Broadway; New York, NY 10019 ** Special Note ** Florida Statute requires licensure regulated by the Department of Professional Regulation.

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 002.061-014 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 1 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- scientific or technical work.
- abstract and creative work.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- many changing duties.
- taking responsibility.
- decisions based on personal judgment.
- meeting strict standards.
- decisions based on facts.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Communication Equipment
- Aircraft and parts
- Guided Missiles and Space Vehicles and Parts

SIMILAR OCCUPATIONS
- Aeronautical Design Engineer;
- Research Technician;
- Aerodynamist;
- Aeronautical Research Engineer;
- Aeronautical Test Engineer;

PROGRAMS OF STUDY
- Aerospace, Aeronautical, & Astronautical Engineering

EDUCATION LEVEL
- Undergraduate Degree.

AVERAGE BEGINNING WAGE
- $33,000 to $39,999 pear year (up to $20.41 per hour)

FUTURE OUTLOOK
- Projected number of employees: 4,798 (in 1993)
  : 5,432 (in 1998)

Average annual number of openings from 1993 to 1998: 266
This trend indicates a 13% change.

FLORIDA
# VIEW

## Vital Information for Education and Work

Title: **AGRICULTURAL ENGINEER**
SOC No. 1632100
DOT No. 013.061-010
GOE Interest Area: 05.01 Engineering

### DESCRIPTION

Uses knowledge of biology and engineering to find ways to make farms run better and produce more. Designs farm machines, structures, and equipment that will improve the production, processing, and delivery of farm products. Studies problems involving tools and machinery, soil and water conservation, plants and animals, and farm crops.

RELATED EDUCATION PROGRAMS: Agricultural Engineering. License required.

EMPLOYERS: Companies that make and sell farm equipment; Department of Agriculture; Colleges and universities.

MORE INFORMATION: American Society of Agricultural Engineering; 2950 Niles Road; St. Joseph, MI 49085

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 013.061-010 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- scientific or technical work.
- studying people or communicating ideas.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- dealing with people.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Federal Government
- Colleges, Universities, Professional Schools, and Junior Colleges

### SIMILAR OCCUPATIONS

- Agricultural Engineering Technician;
- Agricultural Equipment Test Engineer;
- Agricultural Design Engineer;
- Agricultural-Research Engineer;
- Agronomist;

### PROGRAMS OF STUDY

- Agricultural Engineering

### EDUCATION LEVEL

- Undergraduate Degree.

### AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 71 (in 1993)
  : 78 (in 1998)

Average annual number of openings from 1993 to 1998: 12
This trend indicates a 10% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **AGRICULTURAL GRADER OR SORTER**
SOC No. 5625100
DOT No. 529.687-186
GOE Interest Area: 03.04 Elemental Work: Plants and Animals

### DESCRIPTION

Sorts and classifies farm products such as wool, cotton or unprocessed food into groups based on their size, weight, color, or condition. Sorts these products before they are processed. Also may dispose of damaged products.
RELATED EDUCATION PROGRAMS: Food Products; Agricultural Products and Processing. On-the-job training.
EMPLOYERS: Canneries; Textile mills; Wholesale companies that handle farm produce; Sheep ranches.
MORE INFORMATION: Local Office of the State Job Service.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- damp or wet.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • seasonal work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 529.687-186 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Canned, Frozen, and Preserved Fruits and Vegetables
- Agricultural Services
- Agricultural Production-Crops

### SIMILAR OCCUPATIONS

- Wool-Fleece Sorter;
- Cotton Classer;
- Wool Sorter;
- Wool-Fleece Grader;
- Clam Sorter;
- Cotton Classer Aide;

### PROGRAMS OF STUDY

- Food Products
- Agricultural Products & Processing, General

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 6,819 (in 1993)
  : 7,339 (in 1998)

Average annual number of openings from 1993 to 1998: 694
This trend indicates a 8% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **AIR TRAFFIC CONTROLLER**
SOC No. 3920000
DOT No. 193.162-018
GOE Interest Area: 05.03 Engineering Technology

### DESCRIPTION

Relies on radar and visual observation to keep track of planes flying within assigned area and makes sure they are safe distances apart. Directs aircraft traffic by giving landing and take-off instructions to pilots. May regulate airport traffic or regulate flights between airports.

RELATED TRAINING: Air Traffic Control. Federal Aviation Administration (FAA) certification required.

EMPLOYERS: Federal Aviation Administration.

MORE INFORMATION: Air Traffic Controller Announcement; US Office of Personnel Management.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- seeing differences in color.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 193.162-018 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- working to improve social conditions.
- studying people or communicating ideas.
- scientific or technical work.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- working under stress.
- decisions based on personal judgment.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Air Transportation, Scheduled, and Air Courier Service
- Air Transportation, Nonscheduled
- Federal Government

### SIMILAR OCCUPATIONS

- Air Traffic Control Specialist, Tower
- Air Traffic Coordinator;
- Chief Controller;
- Air Traffic Control Specialist, Station
- Air Traffic Controller/Enl (Mil);

### PROGRAMS OF STUDY

- Air Traffic Control

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 2399 (in 1993)
  : 2587 (in 1998)

Average annual number of openings from 1993 to 1998: 85
This trend indicates a 80% change.

FLORIDA VIEW

**Vital Information for Education and Work**

Title: **AIRCRAFT ENGINE MECHANIC**
SOC No. 6113100
DOT No. 621.281-026
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Specializes in the repair and service of jet, propeller-driven, or helicopter engines. Uses hoists or lifts to remove engine from craft. Uses computerized controls to check electronic systems; uses precision measuring instruments to measure wear. Tests equipment to make sure repairs were made properly.
RELATED EDUCATION PROGRAMS: Aircraft Mechanics, Airframes; Powerplant.
EMPLOYERS: Air Transport companies; Aircraft manufacturers; Aerospace firms.
MORE INFORMATION: Aviation Maintenance Foundation; PO Box 739; Basin, WY 82410 **SPECIAL NOTE** Apprenticeship Training Available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- rotating shift work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- climbing or balancing.
- carrying.
- stooping, kneeling, crouching, or crawling.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 621.281-026 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Airports, Flying Fields, and Airport Terminal Services
- Miscellaneous Business Services
- Federal Government

## SIMILAR OCCUPATIONS

- Engine Mechanic/Enl (Mil);
- Diesel Engine Mechanic;
- Aircraft Mechanic;
- Experimental Mechanic;
- Aircraft Mechanic/Enl (Mil);
- Rocket-Engine Mechanic;

## PROGRAMS OF STUDY

- Aircraft Mechanics, Powerplant
- Aircraft Mechanics, Airframe

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,213 (in 1993)
  : 2,544 (in 1998)

Average annual number of openings from 1993 to 1998: 146
This trend indicates a 15% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **AIRCRAFT MECHANIC**
SOC No. 6116100
DOT No. 621.281-014
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Maintains and repairs aircraft assemblies such as landing gear, propeller assemblies, fuel tanks, and hydraulic systems. Inspects, installs, and tests power brake units, carburetors, valves and pipelines. May use hand and power tools, X-ray and magnetic inspection equipment to detect hidden cracks.
RELATED EDUCATION PROGRAMS: Aircraft Mechanics, Airframe; Aircraft Mechanics, Powerplant.
EMPLOYERS: Military, Air transportation companies; Aircraft manufacturers.
MORE INFORMATION: Aviation Maintenance Foundation; PO Box; Basin, WY 82410; Military Recruiting Office **SPECIAL NOTE**Apprenticeship Training Available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- carrying.
- climbing or balancing.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 621.281-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES - The following aptitudes are associated with this occupatio

(1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Airports, Flying Fields, and Airport Terminal Services
- Federal Government
- Air Transportation, Scheduled, and Air Courier Service

### SIMILAR OCCUPATIONS

- Pneumatic Tester & Mechanic;
- Aircraft Mechanic/Enl (Mil);
- Airframe and Power Plant Mechanic;
- Airplane Inspector;
- Mechanic, Aircraft, Rigging and Controls

### PROGRAMS OF STUDY

- Aircraft Mechanics, Powerplant
- Aircraft Mechanics, Airframe

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 10,610 (in 1993)
  : 11,797 (in 1998)

Average annual number of openings from 1993 to 1998: 904
This trend indicates a 11% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

**Title: AIRCRAFT PILOT OR FLIGHT ENGINEER**
SOC No. 8250000
DOT No. 196.263-010
GOE Interest Area: 05.04 Air and Water Vehicle Operation

## DESCRIPTION

Flies or directs the course of planes and other aircraft for the transportation of passengers, freight, mail. May also dust crops, inspect power lines, take pictures, test new aircraft. Uses complex instruments. May teach classes.

RELATED EDUCATION PROGRAMS: Airplane Piloting and Navigation. Military.

EMPLOYERS: Airline companies; Flight school; Air cargo companies; Military services; Large corporations.

MORE INFORMATION: International Pilots Assoc.; 1625 Massachusetts Ave NW, Washington D.C. 20036

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 196.263-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- working under stress.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Air Transportation, Scheduled, and Air Courier Service
- Airports, Flying Fields, and Airport Terminal Services
- Air Transportation, Nonscheduled

## SIMILAR OCCUPATIONS

- Airplane Pilot/Off (Mil);
- Airline Pilot, Photogrammetry;
- Airplane Navigator/Off (Mil);
- Navigator;
- Flying Instructor;
- Flight Engineer/Enl (Mil);

## PROGRAMS OF STUDY

- Airplane Piloting & Navigation

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 4,786 (in 1993)
  : 5,130 (in 1998)

Average annual number of openings from 1993 to 1998: 189
This trend indicates a 7% change.

VIEW No. 12

FLORIDA
VIEW
**Vital Information for Education and Work**

Title: **AIRCRAFT STRUCTURE ASSEMBLY WORKER**
SOC No. 6812100
DOT No. 806.381-026
GOE Interest Area: 06.01 Production Technology

DESCRIPTION
Assembles machine parts to make precision aircraft and missile assemblies, such as landing gear, struts, brakes, fueling equipment, control linkages, actuators, and gearboxes. Uses hand tools, power tools and measuring instruments.
RELATED EDUCATION PROGRAMS: Aircraft Mechanics, Airframe; Aircraft Mechanics, Powerplant.
EMPLOYERS: Manufacturers of aircraft, aircraft parts, guided missiles and other space vehicles.

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- noise and vibrations.

LOCATION AND HOURS OF WORK
Most of this work tends to be: and will probably involve:
- inside.
- rotating shift work.

PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

PRIMARY PHYSICAL ACTIVITIES
- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 806.381-026 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Guided Missiles and Space Vehicles and Parts

SIMILAR OCCUPATIONS
- Assembler, Aircraft, Structures and Surfaces
- Assembly Mechanic, Experimental Aircraft
- Electro Mechanical Assembler;
- Assembler, Aircraft Power Plant;
- General Assembler-Installer;
- Inspector, Aircraft Assemblies

PROGRAMS OF STUDY
- Aircraft Mechanics, Airframe
- Aircraft Mechanics, Powerplant

EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

AVERAGE BEGINNING WAGE
- $17,000 to $21,999 per year (up to $11.22 per hour).

FUTURE OUTLOOK
- Projected number of employees: 1,447 (in 1993)
  : 1,644 (in 1998)

Average annual number of openings from 1993 to 1998: 85
This trend indicates a 14% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **AMBULANCE DRIVER OR ATTENDANT**
SOC No. 5233600
DOT No. 913.683-010
GOE Interest Area: 10.03 Child and Adult Care

DESCRIPTION
Drives ambulance or assists driver in transporting injured or convalescent persons. Assists in lifting patients and giving first aid such as bandaging, splinting, and administering oxygen. May be required to be certified in first aid.
RELATED EDUCATION PROGRAMS: Emergency Medical Technology Ambulance.
EMPLOYERS: Ambulance services. Hospitals, Local rescue units.

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- risk of injury.
- noise and vibrations.

LOCATION AND HOURS OF WORK
Most of this work tends to be: and will probably involve:
- inside. • rotating shift work.

PHYSICAL DEMANDS
The physical demands for this occupation are:
- very heavy - might lift or move 100 pounds.

PRIMARY PHYSICAL ACTIVITIES
- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- carrying.
- lifting.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.
- walking.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 913.683-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- working to improve social conditions.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on personal judgment.
- dealing with people.
- working under stress.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Nursing and Personal Care Facilities
- Local and Suburban Transport
- Hospitals

SIMILAR OCCUPATIONS
- Emergency Medical Technician;
- Chauffeur;
- Orderly;
- Bus Driver;

PROGRAMS OF STUDY
- Emergency Medical Technology-Ambulance

EDUCATION LEVEL
- less than 1 year Comm. Coll. or Vocational/Tech. School.

AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

FUTURE OUTLOOK
- Projected number of employees: 335 (in 1993)
  : 391 (in 1998)

Average annual number of openings from 1993 to 1998: 22
This trend indicates a 17% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **ANIMAL CARETAKER**
SOC No. 5624100
DOT No. 410.674-010
GOE Interest Area: 03.03 Animal Training and Service

### DESCRIPTION

Cares for and grooms animals. Feeds them and checks for signs of injury or illness. May record information about their bloodline, diet, and medical history. May clean, build, and repair pens. May sterilize equipment.
RELATED EDUCATION PROGRAMS: Pet Grooming; Horse Handling and Care; On-the-job training.
EMPLOYERS: Businesses that provide animal services such as boarding; Race tracks; Humane Society; Zoos; Self-employed.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- stooping, kneeling, crouching, or crawling.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 410.674-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Agricultural Services
- Self-employed
- Commercial Sports

### SIMILAR OCCUPATIONS

- Stable Attendant;
- Dog Groomer;
- Horseshoer;
- Animal Nursery Worker;
- Animal Keeper

### PROGRAMS OF STUDY

- Pet Grooming
- Horseshoing
- Horse Handling and Care
- Agricultural Services

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 11,698 (in 1993)
  : 13,090 (in 1998)

Average annual number of openings from 1993 to 1998: 592
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **APPAREL PATTERNMAKER**
SOC No. 6856000
DOT No. 781.381-026
GOE Interest Area: 05.03 Engineering Technology

### DESCRIPTION

Draw sets of master patterns for garments. Follows sketches, sample articles, and design specifications. Draws outline of parts on paper, then draws details on outlined parts to indicate position of pockets and pleats. May reduce or enlarge the master pattern to make different sizes.

RELATED EDUCATION PROGRAMS: Commercial Garment and Apparel Construction.

EMPLOYERS: Manufacturers of apparel and other textile products; Furniture manufacturers.

MORE INFORMATION: American Apparel Manufacturers' Association; 2500 Wilson Blvd; Suite 301; Arlington, Va 22220

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be:

- inside.

and will probably involve:

- no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 781.381-026 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Women's, Misses', and Juniors' Outerwear
- Children's Outerwear
- Miscellaneous Fabricated Textile Products

### SIMILAR OCCUPATIONS

- Embroidery Patternmaker;
- Designer and Patternmaker;
- Pattern Chart Writer;
- Pattern Grader-Cutter;
- Pleat Patternmaker;

### PROGRAMS OF STUDY

- Custom Tailoring & Alteration
- Clothing & Apparel Production & Services, General

### EDUCATION LEVEL

- High School Graduate.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 477 (in 1993)
  : 500 (in 1998)

Average annual number of openings from 1993 to 1998: 42
This trend indicates a 5% change.

VIEW No. 16

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **ARCHITECT**
SOC No. 1610100
DOT No. 001.061-010
GOE Interest Area: 05.01 Engineering

DESCRIPTION
Plans and designs structures such as homes, movie theaters, office buildings, or factories. Talks with clients to determine design, materials, and cost. Prepares sketches and blueprint drawings for clients to review. If accepted, a more detailed drawing showing air conditioning, heating, plumbing, electrical system, and perhaps landscape is prepared. May use a computer-aided design program to create or modify the structure.
RELATED EDUCATION PROGRAMS: Architecture. License Required.
EMPLOYERS: Architectural firms; Construction companies; Self-employed.
MORE INFORMATION: Director, Education Programs, The American Institute of Architects; 1735 New York Ave., Washington, D.C. 20006

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 001.061-010 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.
Artistic - includes artistic, musical, and some writing occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 1 S. Spatial Perception
Aptitude 05: 1 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- scientific or technical work.
- studying people or communicating ideas.
- abstract and creative work.

TEMPERAMENTS - You would like work with:
- taking responsibility.
- decisions based on personal judgment.
- dealing with people.
- influencing people.
- expressing feelings and ideas.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Self-employed Authors, Lecturers, Radio Commentators
- Self-Employed
- Agricultural Services

SIMILAR OCCUPATIONS
- School Plant Consultant;
- Drafter, Architectural;
- Structural Engineer;

PROGRAMS OF STUDY
- Architecture and Environmental Design, Other
- Environmental Design
- Architecture
- Architecture and Environmental Design, General

EDUCATION LEVEL
- 5 or more years University.

AVERAGE BEGINNING WAGE
- $27,000 to $32,999 per year (up to $16.83 per hour).

FUTURE OUTLOOK
- Projected number of employees: 7,213 (in 1993)
  : 8,189 (in 1998)

Average annual number of openings from 1993 to 1998: 482
This trend indicates a 14% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **AUDIOVISUAL PRODUCTION SPECIALIST**
SOC No. 3290220
DOT No. 149.061-010
GOE Interest Area: 01.02 Visual Arts

### DESCRIPTION

Plans and produces audio, visual, and audiovisual material for communication, information, training, and learning purposes. Develops production ideas based on assignment or creates original ideas based on goals and personal interest. Directs and coordinates activities of assistants and other production personnel during production. Develops manuals, texts, workbooks, or other materials to use with production materials.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be:
- inside.

and will probably involve:
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 149.061-010 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Artistic - includes artistic, musical, and some writing occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 1 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

### INTERESTS - You would like:

- studying people or communicating ideas.
- working with machines, process or techniques.
- abstract and creative work.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- dealing with people.
- decisions based on personal judgment.
- expressing feelings and ideas.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Colleges, Universities, Professional Schools, and Junior Colleges
- Elementary and Secondary Schools

### SIMILAR OCCUPATIONS

- Movie and TV Camera Operator;
- Radio and Television Announcer;
- Photographer;

### PROGRAMS OF STUDY

- Video Technology
- Radio/Television Production & Broadcasting Technology
- Motion Picture Technology

### EDUCATION LEVEL

- High School Graduate.

### AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 357 (in 1993)
  : 395 (in 1998)

Average annual number of openings from 1993 to 1998: 27
This trend indicates a 11% change.

VIEW No. 18

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **AUTOMOBILE MECHANIC**
SOC No. 6111000
DOT No. 620.261-010
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Services and repairs cars and other gas-powered vehicles. Some specialize in the repair of a certain part of a car such as brakes, transmission, or engine. Uses many different hand tools, power tools, and testing instruments.
RELATED EDUCATION PROGRAMS: Automotive Technology; Automotive Mechanics. Certification available.
EMPLOYERS: Car dealers; Automobile repair shops; Gasoline service stations; Self-employed.
MORE INFORMATION: Automobile Service Industry Assoc., 444 N. Michigan Ave, Chicago, Il 60611. **SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
• inside. • no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 620.261-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupatio
(1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Motor Vehicle Dealers (New and Used)
- Automobile Repair Shops
- Self-Employed

### SIMILAR OCCUPATIONS

- Transmission Mechanic;
- Tune-Up Mechanic;
- Front-End Mechanic;
- Automobile Mechanic/Enl (Mil);
- Air-Conditioning Mechanic;
- Brake Repairer;

### PROGRAMS OF STUDY

- Automotive Technology
- Automotive Mechanics

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 42,926 (in 1993)
  : 47,289 (in 1998)

Average annual number of openings from 1993 to 1998: 1,901
This trend indicates a 10% change.

FLORIDA
**VIEW**

**Vital Information for Education and Work**

**Title: AUTOMOTIVE BODY REPAIRER**
SOC No. 6115000
DOT No. 807.381-010
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Repairs, repaints and refinishes automotive bodies. Straightens bent body of vehicle and removes dents. Replaces glass and parts crumpled beyond repair. May use special machines to restore damaged frames. Makes other minor repairs.
RELATED EDUCATION PROGRAMS: Automotive Body Repair; Military services. Certification available.
EMPLOYERS: Auto-repair shops; Car and truck dealers; Self-employed; Military services.
MORE INFORMATION: Automotive Service Industry Assoc.; 444 North Michigan Ave; Chicago, IL 60611. Military Recruiting Office. SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.
- risk of injury.
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing differences in color.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 807.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Automobile Repair Shops
- Motor Vehicle Dealers (New and Used)

## SIMILAR OCCUPATIONS

- Auto-Body Repairer, Fiberglass;
- Automotive Body Repairer/Enl (Mil);
- Truck Body Builder;
- Automobile Body Customizer;
- Frame Repairer;

## PROGRAMS OF STUDY

- Automotive Body Repair

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 12,013 (in 1993)
  : 13,741 (in 1998)

Average annual number of openings from 1993 to 1998: 598
This trend indicates a 14% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **BAILIFF**
SOC No. 5134229
DOT No. 377.667-010
GOE Interest Area: 04.02 Security Services

### DESCRIPTION

Keeps order in the courtroom during trials and guards the jury from outside contact. Checks the courtroom for security and cleanliness. Makes sure the judge has all supplies needed. Makes sure courtroom rules and behavior are followed. Escorts the jury to restaurants and other areas outside the courtroom to prevent jury contact with the public. Guards the jury while they decide the verdict.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 377.667-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- working on or producing things.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- working under stress.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Public Finance, Taxation and Monetary Policy

### SIMILAR OCCUPATIONS

- Deputy, Court
- Police Patrol Officer;
- Corrections Officer or Jailer;
- Sheriff or Deputy Sheriff;
- Deputy Sheriff;
- Fish and Game Warden;
- Deputy Sheriff, Grand Jury;

### PROGRAMS OF STUDY

- Corrections
- Law Enforcement
- Criminal Justice, Other
- Criminal Justice Studies
- Criminal Justice Technology
- Correctional Administration
- Law Enforcement Administration
- Forensic Studies

### EDUCATION LEVEL

- HS Graduation or less than 1 year Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 769 (in 1993) |
| : | 861 (in 1998) |

Average annual number of openings from 1993 to 1998: 45
This trend indicates a 12% change.

FLORIDA
# VIEW
**Vital Information for Education and Work**

Title: **BAKER**
SOC No. 6872000
DOT No. 526.381-010
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Mixes and bakes ingredients according to recipes to make large amounts of bread and other baked goods. Measures and mixes flour, sugar and other ingredients to prepare batters and dough. Shapes dough; places it in pans; bakes it.
RELATED EDUCATION PROGRAMS: Baking. On-the-job training.
EMPLOYERS: Manufacturers of bakery, products such as bread, crackers and cookies; Self-employed.
MORE INFORMATION: United Food and Commercial Workers International Union; 1775 K St, NW; Washington, D.C. 20006 SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
• inside. • rotating shift work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- stooping, kneeling, crouching, or crawling.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 526.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on personal judgment.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Agricultural Production-Crops
- Self-employed
- Bakery Products

## SIMILAR OCCUPATIONS

- Dough Mixer Operator;
- Doughnut Maker;
- Cake Tester;
- Baker Helper, Bakery Production;
- Test Baker;

## PROGRAMS OF STUDY

- Food Production, Management, & Services, Other
- Food Production, Management, & Services, General

## EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,326 (in 1993)
  : 1,335 (in 1998)

Average annual number of openings from 1993 to 1998: 51
This trend indicates a 1% change.

VIEW No. 22

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **BAKER, BREAD AND PASTRY**
SOC No. 5214200
DOT No. 313.381-010
GOE Interest Area: 05.10 Crafts

## DESCRIPTION

Mixes and bakes ingredients according to recipes to make breads, pastries, and other baked goods. Goods are made in smaller quantities for eating at the bakery, or for sale as specialty baked goods.
RELATED EDUCATION PROGRAMS: Baking; On-the-job training.
EMPLOYERS: Grocery stores; Bakeries and restaurants.
MORE INFORMATION: The Educational Foundation of the National Restaurant Association; 20 North Wacker Dr; Suite 2620; Chicago, IL 60606
SPECIAL NOTE**Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme heat.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 313.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- dealing with people.
- expressing feelings and ideas.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Grocery Stores
- Eating and Drinking Places
- Retail Bakeries

## SIMILAR OCCUPATIONS

- Baker Helper, Hotel & Restaurant;
- Cook Helper, Pastry;
- Pizza Baker;
- Pastry Cook;
- Pie Maker;

## PROGRAMS OF STUDY

- Food Service
- Food Production, Management, & Services, General
- Food Production, Management, & Services, Other

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 5,163 (in 1993)
  : 5,864 (in 1998)

Average annual number of openings from 1993 to 1998: 322
This trend indicates a 14% change.

# FLORIDA VIEW

**Vital Information for Education and Work**

Title: **BARBER**
SOC No. 5252000
DOT No. 330.371-010
GOE Interest Area: 09.02 Barber and Beauty Services

### DESCRIPTION

Washes, cuts, colors, and styles hair. May give scalp treatments, face massages, and shaves. Keeps scissors, combs, and other instruments clean and in good condition. Cleans work areas. Orders supplies, takes payment and makes change. May sell lotions, tonics, or cosmetic supplies.
RELATED EDUCATION PROGRAMS: Barbering. License required.
EMPLOYERS: Barber and beauty shops; Self-employed; Military Services.
MORE INFORMATION: National Barber Career Center; 3839 White Plains Rd; Bronx, NY 10467; Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 330.371-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- abstract and creative work.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on personal judgment.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Barber Shops
- Residential Care

### SIMILAR OCCUPATIONS

- Scalp-Treatment Operator;
- Wig Dresser;
- Barber/Enl (Mil);
- Hair Stylist;

### PROGRAMS OF STUDY

- Barbering, Hairstyling

### EDUCATION LEVEL

- less than 1 year Comm. Coll. or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 3,414 (in 1993)
  : 3,851 (in 1998)

Average annual number of openings from 1993 to 1998: 458
This trend indicates a 13% change.

FLORIDA
# VIEW
**Vital Information for Education and Work**

Title: **BARTENDER**
SOC No. 5212100
DOT No. 312.474-010
GOE Interest Area: 09.04 Customer Services

## DESCRIPTION
Mixes and serves alcoholic and nonalcoholic drinks for customers in bars, restaurants, or clubs. Fills drink requests from patrons at the bar or orders that waiters or waitresses take from customers. May serve snacks, orders supplies, collects payments, and keep bar clean.
RELATED EDUCATION PROGRAMS: Bartending.
EMPLOYERS: Eating and drinking places; Hotels; Clubs.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- standing for a long time.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 312.474-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:
- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.

## TEMPERAMENTS - You would like work with:
- repeating set tasks.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Hotels and Motels
- Eating and Drinking Places
- Civic, Social - and Fraternal Associations

## SIMILAR OCCUPATIONS
- Taproom Attendant;
- Bartender Helper;
- Bar Attendant
- Wine Steward/Stewardess;
- Waiter/Waitress, Bar;

## PROGRAMS OF STUDY
- Bartending
- Waiter/Waitress and Related Services

## EDUCATION LEVEL
- HS Graduation or less than 1 year Voc/Tech.

## AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 26638 (in 1993)
  : 30658 (in 1998)

Average annual number of openings from 1993 to 1998: 1575
This trend indicates a 15% change.

FLORIDA
# VIEW
**Vital Information for Education and Work**

**Title: BICYCLE REPAIRER**
SOC No. 6179000
DOT No. 639.681-010
GOE Interest Area: 05.10 Crafts

## DESCRIPTION
Repairs and services bicycles. Uses power and hand tools. Tightens and loosens spokes to align wheels. Disassembles parts, replaces worn and broken parts, and reassembles bicycle. Installs equipment such as lights and seats.
RELATED EDUCATION PROGRAMS: Sporting Goods Equipment Repair; On-the-job training.
EMPLOYERS: Sporting goods stores; Bicycle shops; Self-employed.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • weekend work. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 639.681-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:
- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Miscellaneous Shopping Goods Stores
- Department Stores
- Self-Employed

## SIMILAR OCCUPATIONS
- Sports Equipment Repairer;
- Inspector, Bicycle;
- Assembler, Bicycle I;

## PROGRAMS OF STUDY
- Electromechanical, Hydraulic, & Pneumatic Repair

## EDUCATION LEVEL
- 9 to 12 years education.

## AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 477 (in 1993)
: 550 (in 1998)

Average annual number of openings from 1993 to 1998: 32
This trend indicates a 15% change.

VIEW No. 26

FLORIDA
# VIEW

**Vital Information for Education and Work**

Title: **BILL AND ACCOUNT COLLECTOR**
SOC No. 4786000
DOT No. 241.367-010
GOE Interest Area: 07.03 Financial Detail

DESCRIPTION
Contacts people by telephone, mail or in person to collect payments on accounts and bills. Receives payments and posts to customers' accounts. Prepares statements to credit department. Begins repossession proceedings. May use a computer to maintain customer information.

RELATED EDUCATION PROGRAMS: Banking and Related Financial Programs; General, Credit Collection Clerk; On-the-job training.
EMPLOYERS: Collection agencies; Banks; Finance companies; Utility companies.

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 241.367-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

HOLLAND TYPES
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:
- business contact with people.
- detailed, organized work following set sequence.
- studying people or communicating ideas.

TEMPERAMENTS - You would like work with:
- dealing with people.
- influencing people.
- decisions based on personal judgment.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Consumer Credit Reporting & Adjustment & Collection Agencies
- Personal Credit Institutions
- Commercial and Stock Savings

SIMILAR OCCUPATIONS
- Throw-Out Clerk;
- Collection Clerk;
- Skip Tracer;
- Repossessor;

PROGRAMS OF STUDY
- Financial Services Marketing, General

EDUCATION LEVEL
- High School Graduate.

AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK
- Projected number of employees: 9,667 (in 1993)
  : 11,096 (in 1998)

Average annual number of openings from 1993 to 1998: 703
This trend indicates a 15% change.

FLORIDA
# VIEW

**Vital Information for Education and Work**

**Title: BILLING OR POSTING MACHINE OPERATOR**
SOC No. 4718100
DOT No. 210.382-022
GOE Interest Area: 07.02 Mathematical Detail

## DESCRIPTION

Operates machines used to record information, determine bills and inventories, and do math calculations. The machine then computes the balances and required payments. Some prepare customer statements.

RELATED EDUCATION PROGRAMS: Machine Billing; Bookkeeping and Computing. On-the-job training.

EMPLOYERS: This occupation is found in most large businesses. Banks are one of the largest employers.

MORE INFORMATION: Local State Job Service Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 210.382-022 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Machinery, Equipment and Supplies
- Groceries and Related Products
- Offices of Physicians

## SIMILAR OCCUPATIONS

- Accounts-Adjustable Clerk;
- Proof Machine Operator;
- Audit Machine Operator;
- Billing Clerk
- Invoicing Systems Operator;
- Food Checker;

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 5,571 (in 1993)
  : 6,369 (in 1998)

Average annual number of openings from 1993 to 1998: 266
This trend indicates a 14% change.

VIEW No. 28

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **BINDERY MACHINE OPERATOR OR SETTER**
SOC No. 7449200
DOT No. 653.685-010
GOE Interest Area: 06.04 Elemental Work: Industrial

DESCRIPTION

Tends one or more machines that perform various functions in binding books, magazines and related materials. Machines may punch holes, stamp numbers or fasten sheets together. Feeds and removes material from machine.
RELATED EDUCATION PROGRAMS: Bookbinding. On-the-job training.
EMPLOYERS: Commercial printing firms; Bankbook and bookbinding companies; Mailing services.
MORE INFORMATION: Binding Industries of America; 70 East Lake St.; Chicago, IL 60601

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- no unusual travel or irregular hours.

PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 653.685-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Commercial Printing
- Periodicals: Publishing or Printing
- Blanketbooks, Looseleaf Binders, and Bookbinding

SIMILAR OCCUPATIONS

- Spiral Binder
- Collating Machine Operator;
- Rounding and Backing Machine Operator
- Book Sewing Machine Operator I;

PROGRAMS OF STUDY

- Graphic & Printing Communications, General

EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

FUTURE OUTLOOK

- Projected number of employees: 1,829 (in 1993)
  : 2,098 (in 1998)

Average annual number of openings from 1993 to 1998: 100
This trend indicates a 15% change.

FLORIDA
VIEW

**Vital Information for Education and Work**

Title: **BLASTER OR EXPLOSIVES WORKER**
SOC No. 6530000
DOT No. 859.261-010
GOE Interest Area: 05.10 Crafts

DESCRIPTION
Places and sets off explosives in mines, quarries, buildings, etc. Studies land formation or structure to determine the type and explosive charge to use. Drills blast holes, connects wires to firing devices and sets off charges.

RELATED TRAINING: On-the-job training.
EMPLOYERS: Mining and quarrying companies; Construction companies; Demolition companies; Military service.
MORE INFORMATION: State Job Service Office. Military Recruiting Office.

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.
- dust, fumes, odors, poor ventilation.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • work requiring travel. |

PHYSICAL DEMANDS
The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.
- walking.
- seeing differences in color.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 859.261-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- working under stress.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Nonmetallic Minerals, Ex. Fuels
- Public Finance, Taxation and Monetary Policy
- Crushed and Broken Stone

SIMILAR OCCUPATIONS

- Powder Loader
- Tier and Detonator;
- Blasting Specialist/Enl (Mil);
- Sample-Taker Operator;
- Miner;
- Shooter;
- Roof Fitter;

PROGRAMS OF STUDY

- information not available at this time

EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK

- Projected number of employees: 56 (in 1993)
  : 60 (in 1998)

Average annual number of openings from 1993 to 1998: 1
This trend indicates a 7% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **BOILER OPERATOR**
SOC No. 7668100
DOT No. 950.382-010
GOE Interest Area: 05.06 Systems Operation

### DESCRIPTION

Controls boilers and other heating equipment such as heat pumps, compressors, and air conditioning equipment. Heat is generated for apartment houses or business offices. Boilers also supply compressed air for the operation of pneumatic tools.
RELATED EDUCATION PROGRAMS: Conventional Electrical Power Generation. On-the-job training.
EMPLOYERS: Hospitals; Manufacturers of chemicals and paper products. On-the-job training.
MORE INFORMATION: International Union of Operating Engineers; 1125 17th St, NW; Washington, D.C. 20036

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme heat.
- noise and vibrations.
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 950.382-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Paperboard Mills
- Hospitals
- Electric Services

### SIMILAR OCCUPATIONS

- Firer, Marine
- Firer, Low Pressure;
- Boiler Operator Helper;
- Air Compressor Operator;

### PROGRAMS OF STUDY

- Stationary Energy Sources, General

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 653 (in 1993)
  : 710 (in 1998)

Average annual number of openings from 1993 to 1998: 39
This trend indicates a 9% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: BOILERMAKER**
SOC No. 6814000
DOT No. 805.261-014
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Puts together, installs, and repairs boilers and related equipment. Lays out, cuts, fits and then bolts, welds, or rivets heavy metal plates, boiler tubes and castings. Follows blueprints and uses measuring devices and power tools.
RELATED TRAINING: Military service
EMPLOYERS: Manufacturing companies and construction companies; Military services
MORE INFORMATION: State Job Service Office; Military Recruiting Office.
SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 805.261-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Repair Shops and Related Services
- Self-employed
- Ship and Boat Building and Repairing

### SIMILAR OCCUPATIONS

- Pattern and Model Maker, Metal;
- Sheet Metal Worker;
- Layout Worker I, Machine Shop;
- Boiler Technician/Enl (Mil);
- Machinist;

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 866 (in 1993) |
| : | 988 (in 1998) |

Average annual number of openings from 1993 to 1998: 43
This trend indicates a 14% change.

FLORIDA
VIEW

## Vital Information for Education and Work

Title: **BOOKBINDER**
SOC No. 6844000
DOT No. 977.381-010
GOE Interest Area: 05.05 Craft Technology

DESCRIPTION
Cuts, sews, and glues components to bind books, using sewing machines, handpress, and handcutter. Folds sheets to form sections and gathers sections in numerical order. Sews together. Trims edges of books. Puts book in press until glued.
RELATED EDUCATION PROGRAMS: Bookbinding.
EMPLOYERS: Commercial printing shops; Bookbinding shops; Large libraries.
MORE INFORMATION: Binding Industries of America; 200 E Ontario St; Chicago, IL 60611

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK
Most of this work tends to be: and will probably involve:
• inside. • no unusual travel or irregular hours.

PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- lifting.
- standing for a long time.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 977.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Commercial Printing
- Manifold Business Forms
- Blanketbooks, Looseleaf Binders, and Bookbinding

SIMILAR OCCUPATIONS
- Bindery Worker, Paper Goods;
- Book-Sewing Machine Operator II;
- Hand Stitcher
- Hand Collator
- Book Repairer

PROGRAMS OF STUDY
- information not available at this time

EDUCATION LEVEL
- grade 12 plus apprenticeship (2-5 years).

AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

FUTURE OUTLOOK
• Projected number of employees: 250 (in 1993)
: 287 (in 1998)

Average annual number of openings from 1993 to 1998: 15
This trend indicates a 15% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **BRICKMASON**
SOC No. 6412000
DOT No. 861.381-014
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Lays bricks, concrete and sets cinder blocks, and similar materials to build and repair walls, partitions, sewers, and other structures. Uses levels, chisels, hammers, trowels, and other tools. May cut bricks with a hammer and chisel to fit around windows or doors.

RELATED EDUCATION PROGRAMS: Brick, Block and Stonemasonry. Military services.

EMPLOYERS: Masonry contractors; Residential and nonresidential building contractors; Military services.

MORE INFORMATION: International Union of Bricklayers and Allied Craftsmen, International Masonry Institute, 815 15th St NW, Washington D.C. 20005 Military Recruiting Office. SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme heat.
- risk of injury.
- extreme cold.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 861.381-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Masonry, Stonework, Tile Setting and Plastering
- Self-employed
- Miscellaneous Special Trade Contractors

### SIMILAR OCCUPATIONS

- Stonemason;
- Acid-Tank Liner;
- Patcher;
- Cupola Patcher;
- Chimney Repairer;
- Bricklayers/Concrete Mason/Enl (Mil);

### PROGRAMS OF STUDY

- Brick, Block, & Stonemasonry

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 8,384 (in 1993)
  : 9,326 (in 1998)

Average annual number of openings from 1993 to 1998: 355
This trend indicates a 11% change.

FLORIDA
VIEW

**Vital Information for Education and Work**

Title: **BROKERAGE CLERK**
SOC No. 4699200
DOT No. 219.482-010
GOE Interest Area: 07.02 Mathematical Detail

## DESCRIPTION

Records purchases and sales of securities, such as stocks and bonds, in investment firms. Writes orders for stock purchase and sales, computes transfer taxes, and verifies information on stock certificates.

RELATED EDUCATION PROGRAMS: Financial Services Marketing. On-the-job training.

EMPLOYERS: Most work for security and commodity brokers and dealers. Others work in banks.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 219.482-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- studying people or communicating ideas.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Non-depository Credit Institutions
- Commercial and Stock Savings
- Security Brokers and Dealers

## SIMILAR OCCUPATIONS

- Securities Clerk, Clerical;
- Margin Clerk;
- Trust Securities Clerk;

## PROGRAMS OF STUDY

- Typing, General Office, & Related Programs, General
- Typing, General Office, & Related Programs, Other

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,232 (in 1993)
  : 2,480 (in 1998)

Average annual number of openings from 1993 to 1998: 127
This trend indicates a 11% change.

FLORIDA

**VIEW**

## Vital Information for Education and Work

Title: **BUCKER OR FALLER**
SOC No. 5730100
DOT No. 454.684-010
GOE Interest Area: 03.04 Elemental Work: Plants and Animals

### DESCRIPTION

Bucker saws trees into lengths after they have been cut down, using chainsaw and ax. Also cuts off limbs of trees. Faller fells timber trees and decides where and how to cut the tree so it will fall in the right direction.

RELATED EDUCATION PROGRAMS: Logging; On-the-job training

EMPLOYERS: Logging camps; Logging contractors; Saw mills. Planing mills.

MORE INFORMATION: State Forestry Association; Northeastern Loggers Assn; PO Box 69; Old Forge, NY 13420; Western Logging Council; C/O PO Box 846; Springfield, OR 97477

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.
- extreme cold.
- extreme heat.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- climbing or balancing.
- carrying.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 454.684-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- many changing duties.
- working under stress.
- decisions based on personal judgment.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Logging Camps and Logging Contractors
- Self-employed
- Sawmills and Planting Mills

### SIMILAR OCCUPATIONS

- River;
- Logger, All-Round;
- Log Marker;
- Tree Cutter;
- Chainsaw Operator;

### PROGRAMS OF STUDY

- Logging
- Forestry Production & Processing, General
- Forest Products Processing Technology

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

• Projected number of employees: 922 (in 1993)
: 1,024 (in 1998)

Average annual number of openings from 1993 to 1998: 49
This trend indicates a 11% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **BUDGET ANALYST**
SOC No. 1419212
DOT No. 161.267-030
GOE Interest Area: 11.06 Finance

### DESCRIPTION
Studies budget requests for completeness, accuracy and conformance with policy. Assigns funds according to spending priorities in governmental services or private industry. Analyzes spending on a monthly basis and prepares reports. Provides assistance or makes recommendations to individuals who prepare budgets.

### THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS
The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES
- speaking.
- hearing.

### WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 161.267-030 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 1 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

### INTERESTS - You would like:
- working with things, numbers or objects.
- studying people or communicating ideas.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- decisions based on personal judgment.
- dealing with people.
- influencing people.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Guided Missiles and Space Vehicles and Parts
- Federal Government
- Public Finance, Taxation and Monetary Policy

### SIMILAR OCCUPATIONS
- Economist or Market Analyst;
- Credit Analyst;
- Management Analyst;

### PROGRAMS OF STUDY
- Taxation
- Banking & Finance

### EDUCATION LEVEL
- Undergraduate Degree.

### AVERAGE BEGINNING WAGE
- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK
- Projected number of employees: 2,922 (in 1993)
  : 3,316 (in 1998)

Average annual number of openings from 1993 to 1998: 211
This trend indicates a 13% change.

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **BUS DRIVER**
SOC No. 8215000
DOT No. 913.463-010
GOE Interest Area: 09.03 Passenger Services

DESCRIPTION
Drives bus to transport passengers over specified routes to local or long distance points according to time schedule. Assists passengers with baggage and collect tickets or cash fares. May regulate heating and lighting for passengers.
RELATED EDUCATION PROGRAMS: Truck and Bus Driving. Military services.
EMPLOYERS: Local government bus systems; Private intercity and charter bus lines.
MORE INFORMATION: American Bus Association; 1025 Connecticut Ave NW; Suite 308; Washington, D.C. 20036

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- noise and vibrations.

LOCATION AND HOURS OF WORK
Most of this work tends to be: and will probably involve:
- inside. • rotating shift work.

PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

PRIMARY PHYSICAL ACTIVITIES
- sitting for along time.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 913.463-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Public Finance, Taxation and Monetary Policy
- Automotive Rental and Leasing, Without Drivers
- Local and Suburban Transport

SIMILAR OCCUPATIONS
- Truck Driver/Enl (Mil);
- Taxi Driver or Chauffeur;
- Hostler;
- Mobile-Lounge Driver;
- School Bus Driver;

PROGRAMS OF STUDY
- Truck & Bus Driving

EDUCATION LEVEL
- 9 to 12 years education.

AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK
- Projected number of employees: 7,827 (in 1993)
  : 8,979 (in 1998)

Average annual number of openings from 1993 to 1998: 568
This trend indicates a 15% change.

VIEW No. 38

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **BUTCHER**
SOC No. 6871000
DOT No. 525.381-014
GOE Interest Area: 06.02 Production Work

### DESCRIPTION

Cuts meat into sections using knives, saws, slicers, and power cutters. Cuts, trims, and bones sections of meat to make roasts, steaks and other pieces. Work in restaurants, slaughter houses or meat packing firms.

RELATED EDUCATION PROGRAMS: Meatcutting; Slaughtering and Butchering. On-the-job training.

EMPLOYERS: Meat product manufacturers; Grocery stores; Meat markets.

MORE INFORMATION: United Food and Commercial Workers' International Union; 1775 K St., NW; Washington, D.C. 20006

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme cold.
- damp or wet.
- risk of injury.

### LOCATION AND HOURS OF WORK

Most of this work tends to be:
- inside.

and will probably involve:
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- stooping, kneeling, crouching, or crawling.
- lifting.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 525.381-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Agricultural Production-Crops
- Self-employed
- Meat Products

### SIMILAR OCCUPATIONS

- Shactor;
- Meat Trimmer;
- Meat Dresser;
- Meat Boner;
- Meat Grader;

### PROGRAMS OF STUDY

- Food Products
- Slaughtering & Butchering
- Meatcutting

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,267 (in 1993)
  : 1,351 (in 1998)

Average annual number of openings from 1993 to 1998: 73
This trend indicates a 7% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **CAMERA AND PHOTOGRAPHIC EQUIPMENT REPAIRER**
SOC No. 6171100
DOT No. 714.281-014
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Repairs and adjusts cameras and other photographic or motion picture equipment using specialized tools and testing devices. Disassembles camera using handtools. Tests and aligns lens, diaphragm using precision gauges. Adjusts range and shutters using electronic timing instruments.

RELATED EDUCATION PROGRAMS: Operation, maintenance and repair of audio-visual equipment.

EMPLOYERS: Camera repair shops; Manufacturers of photographic equipment; Military services; Self-employed.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 714.281-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- working on or producing things.
- scientific or technical work.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Motion Picture Production and Allied Services
- Self-employed
- Miscellaneous Repair Shops and Related Services

### SIMILAR OCCUPATIONS

- Photographic Equipment Repairer/Enl (Mil)
- Aircraft Photographic Equipment Mechanic
- Field Service Engineer;
- Machinist, Motion Picture Equipment;
- Service Technician, Computerized Photofinishing

### PROGRAMS OF STUDY

- Electromechanical, Hydraulic, & Pneumatic Repair

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 728 (in 1993)
  : 887 (in 1998)

Average annual number of openings from 1993 to 1998: 101
This trend indicates a 22% change.

VIEW No. 40

FLORIDA
# VIEW
**Vital Information for Education and Work**

Title: **CANNERY WORKER**
SOC No. 7759200
DOT No. 529.686-014
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION
Feeds products into processing equipment, such as washer, peeler and corer and performs any of a variety of tasks in canning or packing food products. Places products in hopper or on conveyor. Sorts or grades products.

RELATED EDUCATION PROGRAMS: Food Products. On-the-job training
EMPLOYERS: Food processing plants that can fruits, vegetables, seafood and coffee.
MORE INFORMATION: Local Office of the State Job Service.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- noise and vibrations.
- risk of injury.
- damp or wet.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- stooping, kneeling, crouching, or crawling.
- standing for a long time.
- reaching, handling, fingering, or feeling.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 529.686-014 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(6) Feeding-Offbearing: Filling up or emptying machines which are running automatically or run by other workers.

## HOLLAND TYPES
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES
The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS
You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS
You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Miscellaneous Food Preparations
- Canned, Frozen, and Preserved Fruits and Vegetables
- Sugar and Confectionery Products

## SIMILAR OCCUPATIONS
- Basket Filler
- Production Helper, Insulated Wire;
- Cook Helper;
- Can Filling and Closing Machine Tender;
- Laborer, Shellfish Processing;

## PROGRAMS OF STUDY
- Agricultural Products & Processing, General

## EDUCATION LEVEL
- 8 to 11 years education.

## AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK
• Projected number of employees: 1,266 (in 1993)
: 1,322 (in 1998)

Average annual number of openings from 1993 to 1998: 52
This trend indicates a 4% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: CAPTAIN, FISHING VESSEL**
SOC No. 8241205
DOT No. 197.133-010
GOE Interest Area: 05.04 Air and Water Vehicle Operation

### DESCRIPTION

Commands a fishing ship. Interviews and hires crew members. Assigns the crew members to specific duties. Plots the course of the ship on navigational charts. Orders the crew to repair or replace faulty gear and equipment. Directs workers in catching, preserving, storing, and refrigerating fish.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- damp or wet.
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- climbing or balancing.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 197.133-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(3) Supervising: Directing workers by giving orders and explaining duties. Making sure they do the work on time. Helping everyone work together.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- directing or organizing, or activities resulting in recognition.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- taking responsibility.
- dealing with people.
- working under stress.
- decisions based on personal judgment.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Deep Sea Domestic Transportation of Freight
- Local Water Transportation

### SIMILAR OCCUPATIONS

- Master, Ship;
- Pilot, Ship;
- Master, Yacht
- Ferryboat Captain;
- Boatswain;
- Mate, Ship;
- Ship Captain or Pilot;

### PROGRAMS OF STUDY

- Barge & Boat Operation

### EDUCATION LEVEL

- High School Graduate.

### AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 698 (in 1993)
  : 780 (in 1998)

Average annual number of openings from 1993 to 1998: 39
This trend indicates a 12% change.

VIEW No. 42

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **CARPET INSTALLER**
SOC No. 6462000
DOT No. 864.381-010
GOE Interest Area: 05.10 Crafts

## DESCRIPTION

Lays carpets and rugs. Measures and cuts carpeting to size according to sketches or blueprint using carpet knife. Sews sections of carpeting together by hand. Cuts and trims carpet to fit along wall edges. Attaches carpet to flooring.
RELATED EDUCATION PROGRAMS: Floor Covering Installation. On-the-job training.
EMPLOYERS: Special trade flooring construction contractors; Floor covering stores; Self-employed.
MORE INFORMATION: Carpet and Rug Institute; PO Box 2048; Dalton, GA 30722 SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 864.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Carpeting and Flooring
- Home Furniture and Furnishings Stores
- Self-employed

## SIMILAR OCCUPATIONS

- Floor Layer;
- Floor Covering Layer;
- Carpet Layer Helper;
- Soft-Tile Setter;

## PROGRAMS OF STUDY

- Floor Covering Installation

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,461 (in 1993)
  : 2,780 (in 1998)

Average annual number of openings from 1993 to 1998: 89
This trend indicates a 13% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: CEILING TILE INSTALLER
SOC No. 6422200
DOT No. 860.381-010
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Applies or mounts acoustical tiles, blocks, strips, or sheets of shock absorbing materials to ceiling and walls of buildings to reduce or reflect sound or for decoration. Measures and marks surface according to blueprints and drawings.

RELATED EDUCATION PROGRAMS: Carpentry

EMPLOYERS: Special trade construction contractors for acoustical and insulation work and carpentry; Self-employed.

MORE INFORMATION: Associated Builders and Contractors Inc.; 729 15th St NW; Washington, D.C. 20005

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- carrying.
- lifting.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 860.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Masonry, Stonework, Tile Setting and Plastering
- Self-employed
- Miscellaneous Shopping Goods Stores

## SIMILAR OCCUPATIONS

- Acoustical Carpenter;
- Asbestos Removal Worker;
- Carpenter;
- Supervisor, Asbestos Removal;

## PROGRAMS OF STUDY

- Carpentry

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,414 (in 1993)
  : 2,697 (in 1998)

Average annual number of openings from 1993 to 1998: 135
This trend indicates a 12% change.

VIEW No. 44

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **CEMENT AND GLUE MACHINE OPERATOR**
SOC No. 7661100
DOT No. 569.685-034
GOE Interest Area: 06.04 Elemental Work: Industrial

### DESCRIPTION
Operates or tends machines used to cement or glue plywood, paper, glass, cardboard, rubber, plastic, or leather for further processing. Sets or adjusts pressure and tension of machine rollers, then loads materials in the machine. Observes pressure gauges. May clean machine.
RELATED EDUCATION PROGRAMS: On-the-job training.
EMPLOYERS: Lumber and wood manufacturers, especially plywood; Shoe manufacturers; Companies that make paperboard containers and boxes.

### THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- noise and vibrations.
- dust, fumes odors, poor ventilation.

### LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 569.685-034 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

### HOLLAND TYPES
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS
INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Partitions and Fixtures
- Millwork, Plywood, and Structural Wood Millwork
- Miscellaneous Fabricated Textile Products

### SIMILAR OCCUPATIONS
- Laminator, Printed Circuit Boards;
- Wrapping Machine Operator;
- Laminating Machine Operator;
- Edge Glue Machine Tender;
- Box Sealing Machine Operator;
- Crew Leader, Gluing;

### PROGRAMS OF STUDY
- information not available at this time

### EDUCATION LEVEL
- 8 to 11 years education.

### AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK
- Projected number of employees: 600 (in 1993)
  : 643 (in 1998)

Average annual number of openings from 1993 to 1998: 28
This trend indicates a 7% change.

FLORIDA

VIEW

**Vital Information for Education and Work**

Title: **CHEMICAL ENGINEER**
SOC No. 1626100
DOT No. 008.061-018
GOE Interest Area: 05.01 Engineering

## DESCRIPTION

Develops new and improved chemical manufacturing procedures for producing chemicals and related products. Uses the principles of chemistry, physics, and mathematics. May specialize in certain areas such as pollution control.
RELATED EDUCATION PROGRAMS: Chemical Engineering
EMPLOYERS: Chemical manufacturers research development labs; Engineering firms.
MORE INFORMATION: American Institute of Chemical Engineers: 345 East 47th St., New York, 10017 ** Special Note ** Florida Statute requires licensure regulated by the Department of Professional Regulation.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 008.061-018 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

| | | |
|---|---|---|
| Aptitude 01: | 1 | G. General Learning Ability |
| Aptitude 02: | 2 | V. Verbal Aptitude |
| Aptitude 03: | 1 | N. Numerical Aptitude |
| Aptitude 04: | 2 | S. Spatial Perception |
| Aptitude 05: | 3 | P. Form Perception |
| Aptitude 06: | 3 | Q. Clerical Perception |
| Aptitude 07: | 3 | K. Eye-Hand Coordination |
| Aptitude 08: | 3 | F. Finger Dexterity |
| Aptitude 09: | 3 | M. Manual Dexterity |

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- abstract and creative work.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed Authors, Lecturers, Radio Commentators
- Electronic Components and Accessories
- Agricultural Chemicals

## SIMILAR OCCUPATIONS

- Chemical Test Engineer;
- Chemical Design Engineer, Processes;
- Chemical Engineering Technician;
- Absorption-and-Absorption Engineer;
- Technical Director, Chemical Plant;
- Chemical Research Engineer;

## PROGRAMS OF STUDY

- Chemical Engineering

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $33,000 to $39,999 pear year (up to $20.41 per hour)

## FUTURE OUTLOOK

- Projected number of employees: 1,320 (in 1993)
  : 1,453 (in 1998)

Average annual number of openings from 1993 to 1998: 63
This trend indicates a 10% change.

VIEW No. 46

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **CHEMICAL EQUIPMENT CONTROLLER OR OPERATOR**
SOC No. 7676100
DOT No. 558.585-014
GOE Interest Area: 06.02 Production Work

### DESCRIPTION

Controls or operates equipment that processes chemical substances into industrial or consumer products, such as detergent and bleaching agents. Reaction kettles, catalytic converters, and fermentation chambers are among the kinds of equipment used to control the chemical reactions.

RELATED EDUCATION PROGRAMS: Chemical Technology. On-the-job training.

EMPLOYERS: Most people in this occupation work for companies that make chemicals and plastics. Other employers make photographic supplies or run petroleum refineries.

MORE INFORMATION: American Chemical Society; Education Division; Career Services; 115 16th St, NW; Washington, D.C. 20036

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- noise and vibrations.
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 558.585-014 indicates the following on data, people, and things.

(5) Copying: Writing, listing, or entering numbers or letters exactly as seen.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Industrial Organic Chemicals
- Agricultural Chemicals
- Plastics Materials and Synthetics

### SIMILAR OCCUPATIONS

- Ion Exchanger Operator;
- Cadmium-Liquor Maker;
- Lye Treater;
- Catalytic Converter Operator;
- Saturator Operator;
- Compressed Gas Technician/Enl (Mil);

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 946 (in 1993) |
| : | 935 (in 1998) |

Average annual number of openings from 1993 to 1998: 23
This trend indicates a -1% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **CHEMICAL PLANT AND SYSTEM OPERATOR**
SOC No. 6940000
DOT No. 558.585-014
GOE Interest Area: 06.02 Production Work

### DESCRIPTION

Operates equipment to control the processing of chemicals into industrial or consumer products. Sets controls to regulate pressure, temperature, and amounts of material. Reads instruments, tests chemicals, sends samples to lab. Keeps records of test results, instrument readings.
RELATED EDUCATION PROGRAMS: Chemical Technology.
EMPLOYERS: Manufacturers of Industrial organic and inorganic chemicals and plastics.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 558.585-014 indicates the following on data, people, and things.

(5) Copying: Writing, listing, or entering numbers or letters exactly as seen.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Agricultural Chemicals
- Industrial Organic Chemicals
- Industrial Inorganic Chemicals

### SIMILAR OCCUPATIONS

- Chemical Technologist;
- Ammonia-Still Operator;
- Pharmaceutical Operator;
- Chemical Equipment Controller or Operator

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,583 (in 1993)
  : 1,745 (in 1998)

Average annual number of openings from 1993 to 1998: 86
This trend indicates a 10% change.

F L O R I D A
**VIEW**

**Vital Information for Education and Work**

Title: **CHEMIST**
SOC No. 1845200
DOT No. 022.061-010
GOE Interest Area: 02.01 Physical Sciences

## DESCRIPTION

Studies substances and materials to gain knowledge of chemicals. Tests all physical things, both manmade and natural to find out the chemical composition. Uses this knowledge to develop new ways of saving energy, reducing pollution, refining oil production, or advancing the fields of medicine or agriculture.
RELATED EDUCATION PROGRAMS: Chemistry
EMPLOYERS: Chemical Manufacturers; Government agencies; Research and development laboratories; Military services.
MORE INFORMATION: American Chemical Society; Career Services; 1155 16th St. NW; Washington, D.C. 20036. Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 022.061-010 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

| | | |
|---|---|---|
| Aptitude 01: | 1 | G. General Learning Ability |
| Aptitude 02: | 1 | V. Verbal Aptitude |
| Aptitude 03: | 1 | N. Numerical Aptitude |
| Aptitude 04: | 3 | S. Spatial Perception |
| Aptitude 05: | 2 | P. Form Perception |
| Aptitude 06: | 3 | Q. Clerical Perception |
| Aptitude 07: | 3 | K. Eye-Hand Coordination |
| Aptitude 08: | 3 | F. Finger Dexterity |
| Aptitude 09: | 3 | M. Manual Dexterity |

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- taking responsibility.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Business Services
- Justice, Public Order and Safety
- Public Finance, Taxation and Monetary Policy

## SIMILAR OCCUPATIONS

- Chemical Laboratory Chief;
- Chemical Technologist;
- Chemist/Off (Mil);
- Chemical Engineer;
- Food Chemist;
- Laboratory Supervisor;

## PROGRAMS OF STUDY

- Organic Chemistry
- Analytical Chemistry
- Inorganic Chemistry
- Physical Chemistry
- Chemistry, Other
- Chemistry, General
- Pharmaceutical Chemistry

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,051 (in 1993)
  : 2,287 (in 1998)

Average annual number of openings from 1993 to 1998: 106
This trend indicates a 12% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

**Title: CHILD CARE AIDE**
**SOC No.** 5264100
**DOT No.** 359.677-018
**GOE** Interest Area: 10.03 Child and Adult Care

## DESCRIPTION

Cares for children in boarding schools, nurseries, hospitals or playrooms. Helps young children bathe, dress, and eat. May plan recreational activities, instruct children in personal and health habits and teach games and songs. RELATED EDUCATION PROGRAMS: Child Care Aide/Assisting. Certification available.

EMPLOYERS: Child day care centers; Residential care for children; Religious organizations; Self-employed.
MORE INFORMATION: Childcare Employee Project; PO Box 5603; Berkeley, CA 94705

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- speaking.
- walking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 359.677-018 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Artistic - includes artistic, musical, and some writing occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- business contact with people.
- working to improve social conditions.
- studying people or communicating ideas.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Child Day Care Services
- Religious Organizations

## SIMILAR OCCUPATIONS

- Children's Attendant;
- Playroom Attendant;
- Child Care Attendant, School;
- Attendant, Children's Institution;
- Nursery School Attendant;

## PROGRAMS OF STUDY

- Foster Care/Family Care
- Child Care and Guidance Management & Services, General
- Child Development, Care, & Guidance

## EDUCATION LEVEL

- no standard educational requirements

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 62,850 (in 1993)
  : 70,802 (in 1998)

Average annual number of openings from 1993 to 1998: 4,270
This trend indicates a 13% change.

VIEW No. 50

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **CIVIL ENGINEER**
SOC No. 1628100
DOT No. 005.061-014
GOE Interest Area: 05.01 Engineering

## DESCRIPTION

Plans, designs, and directs construction and maintenance of roads, bridges, tunnels, water and sewage system, and buildings. May specialize in water resources, environment, construction, or transportation. May work as a city engineer for local government or work as an independent consultant.
RELATED EDUCATION PROGRAMS: Civil Engineering. License Required.
EMPLOYERS: Architectural and engineering firms; Government agencies; Military services.
MORE INFORMATION: American Society of Civil Engineers, 345 E 47th St, New York, NY 10017. Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • work requiring travel. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 005.061-014 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- abstract and creative work.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed Authors, Lecturers, Radio Commentators

## SIMILAR OCCUPATIONS

- Sanitary Engineer;
- Waste Management Engineer, Radioactive Material
- Civil Engineer/Off (Mil);
- Structural Engineer;
- Transportation Engineer;
- Resource Recovery Engineer;

## PROGRAMS OF STUDY

- Civil Engineering

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 7,854 (in 1993)
  : 8,877 (in 1998)

Average annual number of openings from 1993 to 1998: 494
This trend indicates a 13% change.

FLORIDA
**VIEW**

**Vital Information for Education and Work**

Title: **CIVIL ENGINEERING TECHNICIAN**
SOC No. 3711300
DOT No. 005.261-014
GOE Interest Area: 05.03 Engineering Technology

## DESCRIPTION

Helps civil engineer plan and build highways, buildings, bridges, dams, wastewater treatment systems, and other structures. Conducts related surveys and studies and writes reports on results. May inspect water and wastewater treatment systems to ensure pollution control.
RELATED EDUCATION PROGRAMS: Civil Technology
EMPLOYERS: Engineering consulting firms; Government agencies; Construction contractors.
MORE INFORMATION: American Society of Civil Engineers; 345 47th St; New York, NY 10017

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be:
- both inside and outside.

and will probably involve:
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- walking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 005.261-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed Authors, Lecturers, Radio Commentators
- Public Finance, Taxation and Monetary Policy
- Justice, Public Order and Safety

## SIMILAR OCCUPATIONS

- Parking Analyst;
- Civil Engineer;
- Drafter, Civil;
- Engineering Technician;

## PROGRAMS OF STUDY

- Civil Technology
- Civil Technologies, Other

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 4,892 (in 1993)
  : 5,552 (in 1998)

Average annual number of openings from 1993 to 1998: 286
This trend indicates a 13% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **CLERGY**
SOC No. 2042000
DOT No. 120.007-010
GOE Interest Area: 10.01 Social Services

## DESCRIPTION

Attends to the spiritual, moral, and educational needs of the congregation by conducting religious services, weddings, and funerals. Visits the sick and counsels troubled people. May supervise religious education for adults and children of the congregation.

RELATED EDUCATION PROGRAMS: Religion; Theological Studies.
EMPLOYERS: Churches; Synagogues; Military Services
MORE INFORMATION: Local Rabbi, Minister or Priest; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 120.007-010 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(0) Mentoring: Helping people deal with problems. May give legal, scientific, clinical, spiritual, or other professional advice.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:

- directing or organizing, or activities resulting in recognition.
- working to improve social conditions.
- studying people or communicating ideas.
- abstract and creative work.

TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- influencing people.
- decisions based on personal judgment.
- expressing feelings and ideas.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Religious Organizations
- Hospitals

## SIMILAR OCCUPATIONS

- Pastoral Assistant;
- Cantor;
- Director of Religious Activities;
- Christian Science Practitioner;

## PROGRAMS OF STUDY

- Religion
- Theological Studies
- Religious Education
- Clinical Pastoral Care
- Bible Studies
- Theology, Other
- Missionary Studies
- Religious Music
- Biblical Languages

## EDUCATION LEVEL

- no standard educational requirements

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 17,742 (in 1993)
  : 20,403 (in 1998)

Average annual number of openings from 1993 to 1998: 2,144
This trend indicates a 15% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **COIL WINDER OR TAPER/FINISHER**
SOC No. 7720300
DOT No. 724.684-026
GOE Interest Area: 06.04 Elemental Work: Industrial

DESCRIPTION
Uses coil winding machines to wind wire coils for use in components, such as resistors and transformers, and motors and generators. Follows wiring diagram. Fastens wire onto machine, adjusts tension and manually feeds wire.
RELATED EDUCATION PROGRAMS: Industrial Electronics. On-the-job training.
EMPLOYERS: Makers of electrical and electronic machinery and equipment, especially electronic components, electrical industrial apparatus, and electric distributing equipment.

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- seeing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 724.684-026 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

HOLLAND TYPES
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity

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Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Electronic Components and Accessories
- Electric Distributing Equipment
- Miscellaneous Electrical Machinery, Equipment, and Supplies

SIMILAR OCCUPATIONS
- Supervisor, Coil Winding;
- Element Winder;
- Wire Wrapping Machine Operator;
- Set-Up Mechanic, Coil Winding Machines;
- Armature Winder, Repair;

PROGRAMS OF STUDY
- Industrial Electronics
- Electrical & Electronics Equipment Repair, General

EDUCATION LEVEL
- 8 to 11 years education.

AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 678 (in 1993) |
| : | 740 (in 1998) |

Average annual number of openings from 1993 to 1998: 35
This trend indicates a 9% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **COIN AND VENDING MACHINE SERVICER OR REPAIRER**
SOC No. 6179500
DOT No. 639.281-014
GOE Interest Area: 05.10 Crafts

### DESCRIPTION

Installs, adjusts, and repairs coin or vending machines using hand or power tools. Fills machine with ingredients and tests dispensing, refrigeration and other systems. Replaces worn or defective parts. Cleans interior and exterior.

RELATED EDUCATION PROGRAMS: Vending and Recreational Machine Repair. On-the-job training.

EMPLOYERS: Beverage manufacturers. Automatic merchandising machine operators; Coin-operated amusement machines.

MORE INFORMATION: National Automatic Merchandising Association; 20 N Wacker Rd; Chicago, IL 60606

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • weekend work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 639.281-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Non-store Retailers
- Miscellaneous Business Services
- Beverages

### SIMILAR OCCUPATIONS

- Coin Machine Collector;
- Element Winder;
- Automat-Car Attendant;
- Coin Machine Assembler;
- Vending Machine Attendant;

### PROGRAMS OF STUDY

- Vending & Recreational Machine Repair
- Electrical & Electronics Equipment Repair, General

### EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,014 (in 1993)
  : 1,187 (in 1998)

Average annual number of openings from 1993 to 1998: 71
This trend indicates a 17% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **COMBINATION MACHINE TOOL SETTER OR OPERATOR**
SOC No. 7329100
DOT No. 601.280-054
GOE Interest Area: 05.05 Craft Technology

DESCRIPTION

Sets up, or sets up and operates, more than one type of cutting or forming machine tool, such as gears, lathes, press brakes, and boring machines. Reads blueprints or job orders for specifications. Attaches workpieces as required.

RELATED EDUCATION PROGRAMS: Machine Tool Operation/Machine Shop. On-the-job training.

EMPLOYERS: Companies that make products out of metal; machinery and transponation equipment.

MORE INFORMATION: The National Tooling and Machining Association; 9300 Livingston Rd.; Ft. Washington, MD 22744

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- overtime work.

PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 601.280-054 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Fabricated Structural Metal Products
- Miscellaneous Industrial and Commercial Equipment
- Federal Government

SIMILAR OCCUPATIONS

- Machine Try-Out Setter;
- Press Setter;
- Job Setter;
- Machine Set-Up Operator;
- Gear Cutting Machine Set-Up Operator;
- Gear Shaper Set-Up Operator;

PROGRAMS OF STUDY

- Machine Tool Operation/Machine Shop

EDUCATION LEVEL

- 11 to 13 years education.

AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

FUTURE OUTLOOK

- Projected number of employees: 813 (in 1993)
  : 906 (in 1998)

Average annual number of openings from 1993 to 1998: 43
This trend indicates a 11% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **COMPUTER OPERATOR**
SOC No. 4612000
DOT No. 213.362-010
GOE Interest Area: 07.06 Clerical Machine Operation

### DESCRIPTION

Operates or monitors electronic computers that process data. May process business, scientific, engineering or other data according to instructions.
May control computer operations by typing commands from the keyboard. May load tapes or discs containing the computer instructions into the memory of the computer.
RELATED EDUCATION PROGRAMS: Business Computer and Console Operations; Military Services.
EMPLOYERS: Military Services; Large companies with computer sections. Computer and data processing services; Government agencies.
MORE INFORMATION: State Job Service Office; Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 213.362-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- repeating set tasks.
- many changing duties.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Machinery, Equipment and Supplies
- Computer Programming, Data Processing and Related Services

### SIMILAR OCCUPATIONS

- Peripheral EDP Equipment Operator (N/E)
- Computer Operator/Enl (Mil);
- Supervisor, Computer Operations;

### PROGRAMS OF STUDY

- Business Data Processing & Related Programs, General
- Business Computer & Console Operations
- Business Data Programming

### EDUCATION LEVEL

- less than 1 year Comm. Coll. or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 15,589 (in 1993)
  : 18,006 (in 1998)

Average annual number of openings from 1993 to 1998: 690
This trend indicates a 16% change.

FLORIDA VIEW

**Vital Information for Education and Work**

Title: **COMPUTER PROGRAMMER, NUMERICAL CONTROL TAPE**
SOC No. 3974100
DOT No. 003.167-062
GOE Interest Area: 05.01 Engineering

DESCRIPTION

Writes computer programs used in industry to control machine processes. Studies drawings and design data to find out how machines work, then writes step-by-step instructions for the machine to follow in controlling a system.
RELATED EDUCATION PROGRAMS: Machine Tool Operation/Machine Shop; Business Data Programming
EMPLOYERS: Manufacturers of machinery, electrical equipment, and aircraft and parts.
MORE INFORMATION: The National Machine Tool Builders; 7901 Westpark Dr; Mclean, VA 22102

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • overtime work. |

PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 003.167-062 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:
- scientific or technical work.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:
- taking responsibility.
- meeting strict standards.
- decisions based on facts.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Guided Missiles and Space Vehicles and Parts
- Aircraft and Parts
- Communication Equipment

SIMILAR OCCUPATIONS
- Tool Planner;
- Applications Engineer, Manufacturing;
- Tool Designer
- Machinist;
- Computer Programmer (N/E);

PROGRAMS OF STUDY
- Business Data Programming

EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

AVERAGE BEGINNING WAGE
- $17,000 to $21,999 per year (up to $11.22 per hour).

FUTURE OUTLOOK
- Projected number of employees: 250 (in 1993)
  : 278 (in 1998)

Average annual number of openings from 1993 to 1998: 11
This trend indicates a 11% change.

FLORIDA
# VIEW
**Vital Information for Education and Work**

Title: **COMPUTER SYSTEMS ANALYST (N/E)**
SOC No. 1712000
DOT No. 012.137-066
GOE Interest Area: 11.01 Mathematics and Statistics

### DESCRIPTION
Examines an organization's existing business, scientific, or technical information processing systems and needs. Plans, with managers and users, to determine how to improve workflow using computers. Recommends hardware and software for specific jobs. May work with programmers to design software.
RELATED EDUCATION PROGRAMS: Analysis; Business Systems Analysis
EMPLOYERS: Manufacturers; Data processing services; Federal government; Banks; Military services.
MORE INFORMATION: Association for Systems Management, 24587 Bagley Road; Cleveland, Ohio 44138. Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK
Most of this work tends to be: and will probably involve:
- inside.
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS
The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES
- speaking.
- hearing.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 012.137-066 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(3) Supervising: Directing workers by giving orders and explaining duties. Making sure they do the work on time. Helping everyone work together.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.
- abstract and creative work.

TEMPERAMENTS - You would like work with:
- many changing duties.
- taking responsibility.
- dealing with people.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Personal Affairs Management Services
- Machinery, Equipment and Supplies

### SIMILAR OCCUPATIONS
- Engineering Analyst;
- Computer Engineer (N/E);
- Information Scientist (N/E);
- Computer Systems Development Officer/Off
- Customer Support Specialist (N/E);
- Computer Systems Analyst/Off (Mil);

### PROGRAMS OF STUDY
- Computer Programming
- Management Information Systems
- Microcomputer Applications
- Computer Installation Management
- Information Sciences & Systems
- Systems Analysis
- Business Data Processing & Related Programs, General
- Computer & Information Sciences, General
- Business Systems Analysis
- Data Processing
- Business Data Programming
- Computer & Information Sciences, Other

### EDUCATION LEVEL
- Undergraduate Degree.

### AVERAGE BEGINNING WAGE
- $27,000 to $32,999 per year (up to $16.83 per hour).

### FUTURE OUTLOOK
- Projected number of employees: 14,399 (in 1993)
  : 16,643 (in 1998)

Average annual number of openings from 1993 to 1998: 585
This trend indicates a 16% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: CONCRETE AND TERRAZZO FINISHER**
SOC No. 6463100
DOT No. 844.364-010
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Concrete finishers mix, pour, and finish concrete for many types of construction projects. Also color concrete surfaces and make concrete beams, columns, and panels. Terrazzo workers create walkways, floors, patios and panels.

RELATED EDUCATION PROGRAMS: Floor Covering Installations; Concrete Placing and Finishing; Military services.

EMPLOYERS: Concrete work contractors; General contractors; Military services.

MORE INFORMATION: Portland Cement Association, 5420 Old Orchard Rd, Skokie, IL 60077. Military Recruiting Office. SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- damp or wet.
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 844.364-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

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### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- General Building Contractors - Nonresidential
- Concrete Work
- Self-employed

### SIMILAR OCCUPATIONS

- Concrete-Stone Finisher;
- Cement Mason;
- Front-End Loader Operator;
- Cell Maker;
- Concrete Rubber;
- Bricklayers/Concrete Mason/Enl (Mil);
- Cement Sprayer Helper, Nozzle;

### PROGRAMS OF STUDY

- Brick, Block, & Stonemasonry

### EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 10,447 (in 1993)
  : 11,792 (in 1998)

Average annual number of openings from 1993 to 1998: 535
This trend indicates a 13% change.

FLORIDA

VIEW

**Vital Information for Education and Work**

Title: **CONSTRUCTION INSPECTOR**
SOC No. 1472100
DOT No. 182.267-010
GOE Interest Area: 05.03 Engineering Technology

## DESCRIPTION

Makes sure that the methods and materials used to build and repair structures meet with safety regulations. Visits work sites to observe and test parts of structures. May use blueprints to examine building structure. May use a computer to keep track of inspection activities.

RELATED EDUCATION PROGRAMS: Construction Inspection; Certification often required.

EMPLOYERS: Most are Local government. Others are federal and state agencies or firms in the construction industry.

MORE INFORMATION: International Association of Electrical Inspectors; 930 Busse Highway, Park Ridge, IL 60608.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- hearing.
- speaking.
- seeing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 182.267-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- decisions based on facts.
- dealing with people.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Justice, Public Order and Safety
- Federal Government

## SIMILAR OCCUPATIONS

- Grade Checker
- Electrical Inspector;
- Plan Checker;
- Inspector of Dredging;
- Plumbing Inspector;
- Building Inspector;

## PROGRAMS OF STUDY

- Building and Property Maintenance
- Architectural Design & Construction Technology

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 3,178 (in 1993)
  : 3,562 (in 1998)

Average annual number of openings from 1993 to 1998: 324
This trend indicates a 12% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

**Title: CONSTRUCTION MANAGER**
SOC No. 1330100
DOT No. 182.167-026
GOE Interest Area: 05.02 Managerial Work: Mechanical

## DESCRIPTION

Manages construction activities for firms that build or repair buildings, bridges, or roads. Studies building plans and estimates the materials, labor, and equipment required. Establishes work procedures and determines scheduling of construction, and delivery of materials and supplies.
RELATED EDUCATION PROGRAMS: Business Administration; Architectural Engineering; On-the-job training.
EMPLOYERS: Construction companies and contractors; Landscaping firms.
MORE INFORMATION: Association of Builders and Contractors Inc; 729 15th Street NW; Washington, D.C. 20005

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • overtime work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 182.167-026 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- decisions based on facts.
- dealing with people.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- General Building Contractors - Residential
- General Building Contractors - Nonresidential
- Plumbing, Heating, and Air-conditioning

## SIMILAR OCCUPATIONS

- Contractor;
- Bridges and Building Supervisor;
- Landscape Contractor;
- Railroad Construction Director;
- Construction Superintendent;

## PROGRAMS OF STUDY

- Business Administration & Management
- Construction Technology
- Architectural Design & Construction Technology

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 18,961 (in 1993)
  : 21,029 (in 1998)

Average annual number of openings from 1993 to 1998: 1,277
This trend indicates a 11% change.

FLORIDA
**VIEW**
**Vital Information for Education and Work**
Title: **COOK, INSTITUTION OR CAFETERIA**
SOC No. 5214100
DOT No. 315.361-010
GOE Interest Area: 05.10 Crafts

## DESCRIPTION

Plans menu and cooks food in cafeterias, hotels, hospitals and other establishments. Usually prepares meals in large quantities rather than to individual orders. May cook for employees in office building or other large facility.

RELATED EDUCATION PROGRAMS: Chef/Cook; Food Service; School Food Service; Military services;

EMPLOYERS: Elementary and secondary schools; Colleges and universities; Nursing homes; Hospitals.

MORE INFORMATION: National Institute for the Food Service Industry; 20 North Wacker Road; 2620; Chicago, IL 60606

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- extreme heat.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- walking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 315.361-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupatio (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on personal judgment.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Elementary and Secondary Schools
- Nursing and Personal Care Facilities
- Eating and Drinking Places

## SIMILAR OCCUPATIONS

- Cook, School Cafeteria;
- Chef;
- Cook, Psychiatric Hospital;
- Cook, Mess;
- Food Service Specialist/Enl (Mil);

## PROGRAMS OF STUDY

- Food Production, Management, & Services, Other
- Chef/Cook
- Food Production, Management, & Services, General
- Food Service

## EDUCATION LEVEL

- less than 1 year Comm. Coll. or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 16,296 (in 1993)
  : 18,929 (in 1998)

Average annual number of openings from 1993 to 1998: 1,108
This trend indicates a 16% change.

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **COOK, RESTAURANT**
SOC No. 5214000
DOT No. 313.361-014
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Plans menus and cooks food in eating establishments, follows recipes. Handles food when measuring, cleaning, and preparing it. Uses kitchen utensils. May keep records of food supplies and order food as needed. May wash dishes.
RELATED EDUCATION PROGRAMS: Chef/Cook.
EMPLOYERS: Restaurants; Hotels; Clubs; Resorts.
MORE INFORMATION: National Institute for the Food Service Industry; 20 N. Wacker Dr; 2620; Chicago, IL 60606

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 313.361-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hotels and Motels
- Self-employed
- Eating and Drinking Places

## SIMILAR OCCUPATIONS

- Chef;
- Chef de Froid
- Cook, Specialty, Foreign Food;

## PROGRAMS OF STUDY

- Food Production, Management, & Services, Other
- Chef/Cook
- Food Production, Management, & Services, General
- Food Service

## EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 34,900 (in 1993)
  : 40,564 (in 1998)

Average annual number of openings from 1993 to 1998: 2,378
This trend indicates a 16% change.

FLORIDA VIEW

**Vital Information for Education and Work**

Title: **COOK, SHORT-ORDER**
SOC No. 5215000
DOT No. 313.361-022
GOE Interest Area: 05.10 Crafts

## DESCRIPTION

Works at lunch counters, snack bars, diners, and fast food restaurants. Cooks foods that take a short time to prepare, cook, and serve. May also take food orders and serve customers, or take payment for food.
RELATED EDUCATION PROGRAMS: Although there is no formal training requirement for this job, most people receive short periods of on-the-job training.
EMPLOYERS: Fast food restaurants; Coffee shops; Diners
MORE INFORMATION: State Job Service Office

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- extreme heat.
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- stooping, kneeling, crouching, or crawling.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 313.361-022 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Artistic - includes artistic, musical, and some writing occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- detailed, organized work following set sequence.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on personal judgment.
- dealing with people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Eating and Drinking Places
- Miscellaneous Amusement and Recreation Services
- Hotels and Motels

## SIMILAR OCCUPATIONS

- Sandwich Maker;
- Cook, Restaurant;
- Cook, Specialty;
- Cook, Institution or Cafeteria;

## PROGRAMS OF STUDY

- Food Production, Management, & Services, General
- Food Service

## EDUCATION LEVEL

- 9 to 12 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 30,055 (in 1993)
  : 35,111 (in 1998)

Average annual number of openings from 1993 to 1998: 2,086
This trend indicates a 17% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **COREMAKER**
SOC No. 6861217
DOT No. 518.381-014
GOE Interest Area: 06.01 Production Technology

### DESCRIPTION

Makes sand cores that are used in molds to form holes or hollows in metal molds or castings. Cleans the core box with a shot of compressed air. Places sand or wire into the core box for reinforcement. Turns box over onto metal plate and lifts box from sand core. Patches cracked or chipped places on core. Smooth core surfaces. Bakes cores to harden them.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 518.381-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Iron and Steel Foundries
- Construction, Mining & Related Materials, Machinery & Equipment
- Metalworking Machinery and Equipment

### SIMILAR OCCUPATIONS

- Machine Molder;
- Pewterer;
- Molding or Casting Machine Operator

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1418 (in 1993)
  : 1585 (in 1998)

Average annual number of openings from 1993 to 1998: 68-
This trend indicates a 12% change.

FLORIDA
# VIEW

**Vital Information for Education and Work**
Title: **CORRECTIONS OFFICER OR JAILER**
SOC No. 5133000
DOT No. 372.667-018
GOE Interest Area: 04.02 Security Services

## DESCRIPTION

Maintains the safekeeping of persons who have been arrested and sent to prison or rehabilitation. May guard prisoners in transit between courtroom and jail. Maintains order in the correctional facility; enforces rules; monitors inmates' activities. Inspects facility to insure safety of inmates.
RELATED EDUCATION PROGRAMS: Criminal Justice Technology; Corrections.
EMPLOYERS: State correctional institutions; County jails; Military services.
MORE INFORMATION: Contact Inc; PO Box 81826; Lincoln, NE 68501. Military Recruiting Office
** Special Note ** Florida Statute requires licensure regulated by the Department of Law Enforcement.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- rotating shift work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- speaking.
- reaching, handling, fingering, or feeling.
- walking.
- running.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 372.667-018 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- detailed, organized work following set sequence.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- dealing with people.
- working under stress.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Federal Government
- Public Finance, Taxation and Monetary Policy

## SIMILAR OCCUPATIONS

- Corrections Specialist/Enl (Mil);
- Police Patrol Officer;
- Patrol Conductor;
- Jailer;
- Immigration Guard;

## PROGRAMS OF STUDY

- Correctional Administration
- Forensic Studies
- Law Enforcement Administration
- Corrections
- Criminal Justice Studies
- Law Enforcement
- Criminal Justice, Other
- Criminal Justice Technology

## EDUCATION LEVEL

- less than 1 year Comm. Coll. or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 19,303 (in 1993)
  : 21,591 (in 1998)

Average annual number of openings from 1993 to 1998: 826
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **COSMETOLOGIST OR HAIRDRESSER**
SOC No. 5253200
DOT No. 332.271-010
GOE Interest Area: 09.02 Barber and Beauty Services

### DESCRIPTION

Shampoos, cuts, and styles hair and advises on hair care. Often straightens curls, bleaches, or dyes hair. May give manicures and facials. Advises on the use of make-up. Cleans and styles wigs and hairpieces.
RELATED EDUCATION PROGRAMS: Barbering/Hairstyling; Cosmetology.
EMPLOYERS: Beauty shops; Large department stores with cosmetic departments and beauty salons; Self-employed.
MORE INFORMATION: National Beauty Career Center; 3889 White Plains Rd, Bronx, NY 10467 ** Special Note ** Florida Statute requires licensure regulated by the Department of Professional Regulations.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 332.271-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- business contact with people.
- abstract and creative work.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- dealing with people.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Beauty Shops
- Self-employed
- Department Stores

### SIMILAR OCCUPATIONS

- Hair Stylist;
- Barber;
- Electrologist
- Make-Up Artist;
- Manicurist;
- Wig Dresser;

### PROGRAMS OF STUDY

- Cosmetology
- Barbering, Hairstyling

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 40,010 (in 1993)
  : 44,388 (in 1998)

Average annual number of openings from 1993 to 1998: 2,382
This trend indicates a 11% change.

VIEW No. 68

FLORIDA VIEW

**Vital Information for Education and Work**

Title: **COST ESTIMATOR**
SOC No. 1490400
DOT No. 160.267-018
GOE Interest Area: 05.03 Engineering Technology

## DESCRIPTION

Prepares cost estimates for manufacturing of products, construction projects, or tools used for construction. May compare cost of new product to redesign of existing product. May specialize according to service performed such as electrical work or excavation. May prepare report of total projected cost summary.

RELATED EDUCATION PROGRAMS: Industrial Technology; Product Management; Business Economics.

EMPLOYERS: Most are in the construction industry. Others are with manufacturing companies.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be:
- inside.

and will probably involve:
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 160.267-018 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- General Building Contractors - Nonresidential
- Electrical Work
- Plumbing, Heating, and Air-conditioning

## SIMILAR OCCUPATIONS

- Order Department Supervisor;
- Cost Accountant;
- Material Scheduler;

## PROGRAMS OF STUDY

- Construction Trades, Other
- Business Administration & Management
- Contract Management & Procurement/Purchasing
- Industrial Technology
- Architectural Design & Construction Technology
- Business Economics

## EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 11,184 (in 1993)
  : 12,566 (in 1998)

Average annual number of openings from 1993 to 1998: 598
This trend indicates a 12% change.

# FLORIDA VIEW

## Vital Information for Education and Work

**Title: COUNTER AND RENTAL CLERK**
SOC No. 4363100
DOT No. 249.362-010
GOE Interest Area: 09.04 Customer Services

### DESCRIPTION

Takes orders for services such as rentals, repairs, dry cleaning, and storage. May work in a coin laundry, car rental agency, video rental store, grocery store, food services, or post office. Must be knowledgeable of store's policies, services and prices. May compute cost and take payment.
RELATED EDUCATION PROGRAMS: Sales; Retailing. On-the-job training.
EMPLOYERS: Laundry and dry cleaning businesses; Equipment rental stores; Car rental businesses.
MORE INFORMATION: Local State Job Service Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 249.362-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- decisions based on personal judgment.
- dealing with people.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Automotive Rental and Leasing, Without Drivers
- Grocery Stores
- Miscellaneous Business Services

### SIMILAR OCCUPATIONS

- Laundry Pricing Clerk;
- Storage Facility Rental Clerk;
- Automobile Rental Clerk;
- Tool and Equipment Rental Clerk;

### PROGRAMS OF STUDY

- Retailing

### EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 38,494 (in 1993)
  : 45,831 (in 1998)

Average annual number of openings from 1993 to 1998: 3,491
This trend indicates a 19% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **COURT CLERK**
SOC No. 4799200
DOT No. 243.362-010
GOE Interest Area: 07.01 Administrative Detail

### DESCRIPTION

Performs clerical duties in a court of law. Prepares docket or calendar of cases to be called. Gets information for judges. Notifies witnesses, attorneys, and litigants when to appear in court. Keeps records of case dispositions.
RELATED EDUCATION PROGRAMS: Court Reporting.
EMPLOYERS: State and local court systems.
MORE INFORMATION: State and Local Civil Services Personnel Offices.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 243.362-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- business contact with people.
- detailed, organized work following set sequence.
- studying people or communicating ideas.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Justice, Public Order and Safety

### SIMILAR OCCUPATIONS

- Legal Technician (N/E);
- Legal Secretary;
- Municipal Clerk;
- Shorthand Reporter;
- Police Aide;

### PROGRAMS OF STUDY

- Legal Assisting

### EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 5,555 (in 1993)
  : 6,222 (in 1998)

Average annual number of openings from 1993 to 1998: 341
This trend indicates a 12% change.

FLORIDA
VIEW
**Vital Information for Education and Work**
Title: **CRANE AND TOWER OPERATOR**
SOC No. 8315100
DOT No. 921.663-010
GOE Interest Area: 05.11 Equipment Operation

## DESCRIPTION

**Operates cranes, or tower and cable equipment to lift, move and position objects. Moves pedals and levers to control the speed and action of the crane. Materials, machinery, or heavy objects are moved by crane. Crane and tower operators may work in construction or other industries.**

**RELATED EDUCATION PROGRAMS:** Construction Equipment Operation; Material Handling. On-the-job training.

**EMPLOYERS:** Construction companies; Blast furnaces; Wholesale trade companies; Manufacturing plants.

**MORE INFORMATION:** Associated Builders and Contractors; 729 15th St NW; Washington, D.C. 20005

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- extreme cold.
- dust, fumes, odors, poor ventilation.
- risk of injury.
- extreme heat.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- pushing or pulling.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 921.663-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

VIEW No. 72

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Heavy Construction, Ex. Highways and Streets
- Miscellaneous Business Services
- Concrete, Gypsum, and Plaster Products

## SIMILAR OCCUPATIONS

- Truck Crane Operator;
- Derrick Operator;
- Locomotive Crane Operator;
- Tractor Crane Operator;
- Cherry-Picker Operator;
- Derrick-Boat Operator;

## PROGRAMS OF STUDY

- Construction Equipment Operation
- Vehicle & Equipment Operation, Other

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,541 (in 1993)
  : 2,889 (in 1998)

Average annual number of openings from 1993 to 1998: 128
This trend indicates a 14% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **CREDIT ANALYST**
SOC No. 1419244
DOT No. 191.267-054
GOE Interest Area: 11.06 Finance

## DESCRIPTION

Studies applications for credit or loans and decides if application should be approved. Contacts banks, credit associations, and sales persons to get credit information. Studies the financial status, credit rating and references of the person or business applying for credit. Prepares reports with this credit information for use in decision making.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- hearing.
- speaking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 191.267-054 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 1 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- scientific or technical work.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- decisions based on facts.
- influencing people.
- dealing with people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Personal Credit Institutions
- Commercial and Stock Savings
- Non-depository Credit Institutions

## SIMILAR OCCUPATIONS

- Loan Officer or Counselor;
- Management Analyst;
- Credit and Collection Manager;

## PROGRAMS OF STUDY

- Financial Services Marketing, General

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,572 (in 1993)
  : 2,906 (in 1998)

Average annual number of openings from 1993 to 1998: 184
This trend indicates a 13% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: CREDIT AUTHORIZER**
SOC No. 4799100
DOT No. 249.367-022
GOE Interest Area: 07.05 Records Processing

### DESCRIPTION

Authorizes credit accounts for customer who apply. Receives credit application and verifies information with credit bureaus or other sources. Approves or disapproves credit based on this information. May prepare credit reports. May use a computer to retrieve financial information.

RELATED EDUCATION PROGRAMS: Banking and Related Financial Programs.

EMPLOYERS: Department stores; Banks.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be:
- inside.

and will probably involve:
- rotating shift work.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 249.367-022 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- detailed, organized work following set sequence.

### TEMPERAMENTS - You would like work with:

- repeating set tasks.
- dealing with people.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Computer Programming, Data Processing and Related Services
- Department Stores
- Commercial and Stock Savings

### SIMILAR OCCUPATIONS

- Credit or Loan Clerk;
- Credit Checker;
- Credit Reference Clerk;
- Credit Card Clerk, Retail Trade;
- Credit Card Control Clerk;

### PROGRAMS OF STUDY

- Financial Services Marketing, General

### EDUCATION LEVEL

- HS Graduation or less than 1 year Voc/Tech.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,096 (in 1993)
  : 1,247 (in 1998)

Average annual number of openings from 1993 to 1998: 72
This trend indicates a 14% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **CREDIT CHECKER**
SOC No. 4783200
DOT No. 205.367-022
GOE Interest Area: 07.05 Records Processing

## DESCRIPTION

Investigates history and credit standing of persons or businesses who are applying for credit. Telephones or writes former employers, credit departments of businesses, or other sources to verify credit application information.
This occupation may be called "credit investigator".
RELATED EDUCATION PROGRAMS: Banking and Related Financial Programs. On-the-job training.
EMPLOYERS: Banks; Credit agencies; Credit reporting and collection agencies.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 205.367-022 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- detailed, organized work following set sequence.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- dealing with people.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Commercial and Stock Savings
- Department Stores
- Consumer Credit Reporting & Adjustment & Collection Agencie

## SIMILAR OCCUPATIONS

- Throw-Out Clerk;
- Skip Tracer;
- Call-Out Operator;
- Credit Analyst;
- Investigator, Any Industry;

## PROGRAMS OF STUDY

- Financial Services Marketing, General

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 3,072 (in 1993)
  : 3,448 (in 1998)

Average annual number of openings from 1993 to 1998: 165
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **CREDIT OR LOAN CLERK**
SOC No. 4642300
DOT No. 205.367-022
GOE Interest Area: 07.05 Records Processing

### DESCRIPTION

Gathers documents, prepares papers, and processes applications for people applying for loans and credit. Interviews applicants to obtain necessary information, types forms and related correspondence, notifies customers of status.

RELATED EDUCATION PROGRAMS: Banking and Related Financial Programs. On-the-job training.

EMPLOYERS: Credit agencies and banks

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 205.367-022 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- detailed, organized work following set sequence.

### TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Commercial and Stock Savings
- Mortgage Bankers and Brokers
- Non-depository Credit Institutions

### SIMILAR OCCUPATIONS

- Disbursement Clerk;
- Mortgage-Processing Clerk;
- Loan Closer;

### PROGRAMS OF STUDY

- Financial Services Marketing, General
- Typing, General Office, & Related Programs, General

### EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 11,941 (in 1993)
  : 13,564 (in 1998)

Average annual number of openings from 1993 to 1998: 775
This trend indicates a 14% change.

VIEW No. 76

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **CRUSHING AND MIXING MACHINE OPERATOR**
SOC No. 7664100
DOT No. 570.685-022
GOE Interest Area: 06.04 Elemental Work: Industrial

### DESCRIPTION

Operates or tends machines used to crush or grind such materials as grain, stone, or glass. Mixing machine operators mix or blend such ingredients as dough batter, juice, livestock feed, or chemicals. May operate machines used to buff or polish glass, stone, or metal.

RELATED EDUCATION PROGRAMS: Food Products; Industrial Ceramics Manufacturing. On-the-job training.

EMPLOYERS: Makers of food products, chemical and related products and rubber and plastics products.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- stooping, kneeling, crouching, or crawling.
- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 570.685-022 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Sugar and Confectionery Products
- Paints and Allied Products
- Miscellaneous Plastics Products

### SIMILAR OCCUPATIONS

- Soap Grinder;
- Grain Mixer;
- Chemical Mixer;
- Feed Grinder;
- Paint Mixer, Machine;
- Crusher and Blender Operator;

### PROGRAMS OF STUDY

- Agricultural Products & Processing, General

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 3,814 (in 1993)
  : 4,148 (in 1998)

Average annual number of openings from 1993 to 1998: 170
This trend indicates a 9% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **CUSTOM TAILOR OR SEWER**
SOC No. 6852000
DOT No. 785.261-014
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Makes clothes especially designed and fitted for an individual. Makes the garments from start to finish. Must be knowledgeable in all phases of clothing production. May work in a retail store and specialize in alterations.

RELATED EDUCATION PROGRAMS: Custom Apparel/Garment Seamstress; Custom Tailoring and Alteration.

EMPLOYERS: Clothing stores; Apparel manufacturers; Dry cleaners; Military services; Self-employed.

MORE INFORMATION: American Apparel Manufacturers Association, 2500 Wilson Blvd. Suite 301, Arlington, VA 22201.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 785.261-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Women's Clothing Stores
- Laundry, Cleaning, and Garment Services

## SIMILAR OCCUPATIONS

- Alteration Tailor;
- Fashion Designer;
- Clothing and Fabric Repairer/Enl (Mil);
- Furrier;
- Dressmaker;

## PROGRAMS OF STUDY

- Clothing & Apparel Production & Services, General
- Custom Tailoring & Alteration
- Custom Apparel/Garment Seamstress

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 6,315 (in 1993)
  : 6,861 (in 1998)

Average annual number of openings from 1993 to 1998: 801
This trend indicates a 9% change.

VIEW No. 78

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **CUSTOMER SERVICE CLERK**
SOC No. 4758100
DOT No. 299.367-010
GOE Interest Area: 09.04 Customer Services

DESCRIPTION

Takes orders for special items such as gift wrapping, or decorated cakes. Prepares order forms and tracks service. Notifies customers when service is complete and accepts payment. May handle customer complaints.
RELATED EDUCATION PROGRAMS: Retailing; Sales. On-the-job training.
EMPLOYERS: Most work in large department stores.

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 299.367-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- studying people or communicating ideas.

TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- decisions based on facts.

THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Department Stores
- Agricultural Services

SIMILAR OCCUPATIONS

- Layaway Clerk
- Complaint Clerk;
- Expediter;
- Information Clerk;
- Personal Shopper;
- Wedding Consultant;

PROGRAMS OF STUDY

- Fashion Merchandising

EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK

- Projected number of employees: 18,209 (in 1993)
  : 20,589 (in 1998)

Average annual number of openings from 1993 to 1998: 2,255
This trend indicates a 13% change.

FLORIDA
VIEW

## Vital Information for Education and Work

Title: **CUSTOMER SERVICE REPRESENTATIVE, UTILITIES**
SOC No. 4664100
DOT No. 239.367-010
GOE Interest Area: 07.04 Oral Communications

### DESCRIPTION

Interviews applicants for water, gas, electric, or telephone service. Talks with customer by phone or in person and receives orders for installation, turn-on, discontinuance, or change in services.
RELATED EDUCATION PROGRAMS: On-the-job training.
EMPLOYERS: Utility companies; Telephone companies.
MORE INFORMATION: Local telephone and utility company personnel offices; Local State Job Service Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 239.367-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Electric Services
- Public Finance, Taxation and Monetary Policy
- Telephone Communication

### SIMILAR OCCUPATIONS

- Contact Clerk
- Customer Service Representative Instructor
- Gas-Distribution-and-Emergency-Clerk;
- Order Clerk, Merchandise, Materials
- Dispatcher, Maintenance Service;
- Receiver Dispatcher;

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 7,506 (in 1993)
  : 7,965 (in 1998)

Average annual number of openings from 1993 to 1998: 280
This trend indicates a 6% change.

VIEW No. 80

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **DAIRY PROCESSING EQUIPMENT OPERATOR**
SOC No. 7476100
DOT No. 529.382-018
GOE Interest Area: 06.02 Production Work

### DESCRIPTION

Sets up and operates continuous flow or vat-type equipment to process milk, cream, and other dairy products. Connects pipes and assembles equipment parts. Starts pump and observes gages. Tests products at various stages of processing.

RELATED EDUCATION PROGRAMS: Dairy; On-the-job training.

EMPLOYERS: Makers of various dairy products including butter, cheese, milk and ice cream.

MORE INFORMATION: U.S. Department of Agriculture; Education Program; Washington, D.C. 20250

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.
- damp or wet.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 529.382-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

| | |
|---|---|
| Aptitude 01: 3 | G. General Learning Ability |
| Aptitude 02: 3 | V. Verbal Aptitude |
| Aptitude 03: 4 | N. Numerical Aptitude |
| Aptitude 04: 3 | S. Spatial Perception |
| Aptitude 05: 3 | P. Form Perception |
| Aptitude 06: 4 | Q. Clerical Perception |
| Aptitude 07: 3 | K. Eye-Hand Coordination |
| Aptitude 08: 3 | F. Finger Dexterity |
| Aptitude 09: 3 | M. Manual Dexterity |

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Dairy Products

### SIMILAR OCCUPATIONS

- Extractor Machine Operator;
- Clarifier Operator;
- Saturator Operator;

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 203 (in 1993) |
| : | 186 (in 1998) |

Average annual number of openings from 1993 to 1998: 2
This trend indicates a -8% change.

FLORIDA

VIEW

**Vital Information for Education and Work**

**Title: DATA ENTRY KEYER**
SOC No. 4793000
DOT No. 203.582-022
GOE Interest Area: 07.06 Clerical Machine Operation

## DESCRIPTION

Operates keypunch, computer terminal, or personal computer to input data. Data is then converted to disk, tape, or printed report. Duties may include data entry, recording, coding, or verifying alphabetic or numeric data.

RELATED EDUCATION PROGRAMS: Business Data Entry Equipment Operation; Military Service.

EMPLOYERS: Military Service; Large companies with computer sections; Data processing services.

MORE INFORMATION: State Job Service Office; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 203.582-022 indicates the following on data, people, and things.

(5) Copying: Writing, listing, or entering numbers or letters exactly as seen.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Computer Programming, Data Processing and Related Services
- Accident and Health Insurance and Medical Service Plans
- Personnel Supply Services

## SIMILAR OCCUPATIONS

- Typist, Word Processing;
- Typist;
- Cryptographic Machine Operator;
- Keypunch Operator;
- Data Entry Specialist/Enl (Mil);
- Terminal Operator;

## PROGRAMS OF STUDY

- Business Data Processing & Related Programs, General
- Business Data Entry Equipment Operation

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 23,671 (in 1993)
  : 27,398 (in 1998)

Average annual number of openings from 1993 to 1998: 1,088
This trend indicates a 16% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **DATA KEYER, COMPOSING (N/E)**
SOC No. 4793100
DOT No. 203.582-046
GOE Interest Area: 07.06 Clerical Machine Operation

### DESCRIPTION
Operates electronic photocomposing perforator machine or computer terminal to prepare materials for printing or publication. Reads manuscript and types from keyboard to record and store data. May edit and correct proof sheet.
RELATED EDUCATION PROGRAMS: Typesetting; Make-Up and Composition.
EMPLOYERS: Newspapers; Printing companies; Typesetting services.
MORE INFORMATION: Education Council of the Graphics Arts Industry; 4615 Forbes Ave; Pittsburgh, PA 15213.

### THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS
The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES
- sitting for along time.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 203.582-046 indicates the following on data, people, and things.

(5) Copying: Writing, listing, or entering numbers or letters exactly as seen.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS
INTERESTS - You would like:
- detailed, organized work following set sequence.
- working on or producing things.
- working with machines, process or techniques.

### TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Personnel Supply Services
- Newspapers: Publishing or Printing
- Periodicals: Publishing or Printing

### SIMILAR OCCUPATIONS
- Data Entry Keyer;
- Magnetic-Tape-Composer Operator;
- Photocomposing-Keyboard Operator;
- Photocomposing-Perforator-Machine Operator
- Terminal-System Operator;
- Varitype Operator;

### PROGRAMS OF STUDY
- Word Processing
- Graphic & Printing Communications, General

### EDUCATION LEVEL
- less than 1 year Comm. Coll. or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK
| | | |
|---|---|---|
| • Projected number of employees: | 821 | (in 1993) |
| : | 974 | (in 1998) |

Average annual number of openings from 1993 to 1998: 43
This trend indicates a 19% change.

# FLORIDA VIEW

Vital Information for Education and Work

Title: **DENTAL ASSISTANT (N/E)**
SOC No. 5232000
DOT No. 079.371-010
GOE Interest Area: 10.03 Child and Adult Care

## DESCRIPTION

Assists dentists in the care and treatment of patients. Prepares instruments, supplies, medications, and filling materials. Advises patients on oral hygiene, postoperative care, and tooth decay prevention. May make appointments.
RELATED EDUCATION PROGRAMS: Dental Assisting; Military Services.
EMPLOYERS: Dentists' offices; Dental clinics; Military Services.
MORE INFORMATION: American Dental Assistants Assoc; 919 North Michigan Ave, Suite 3400; Chicago, IL 60611; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 079.371-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and reporting the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- working to improve social conditions.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Offices of Dentists
- Home Health Care Services
- Federal Government

## SIMILAR OCCUPATIONS

- Dental Hygienist (N/E);
- Dental Specialist/Enl (Mil);
- Medical Assistant (N/E);

## PROGRAMS OF STUDY

- Dental Assisting

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 8,658 (in 1993)
  : 10,205 (in 1998)

Average annual number of openings from 1993 to 1998: 417
This trend indicates a 18% change.

VIEW No. 84

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **DENTAL HYGIENIST (N/E)**
SOC No. 3630000
DOT No. 078.361-010
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

### DESCRIPTION
Performs dental protective and preventive treatments to patients as it pertains to oral hygiene. Charts conditions of decay and disease for diagnosis and treatment by Dentist. May expose and develop x-ray film; make impressions for study casts; remove sutures and dressings; administers local anesthetic agents and assist Dentist. Cleans patient's teeth using scaling and polishing equipment.
RELATED EDUCATION PROGRAM: Dental Hygiene. License required
EMPLOYERS: Most work in dentists' offices; Military Services.
MORE INFORMATION: American Dental Hygienists, Assoc.; Suite 3400; 444 N. Michigan Ave; Chicago, IL 60611; Military Office.

### THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES
- standing for a long time.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

### WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 078.361-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES
The following aptitudes are associated with this occupation (1=high, 5=low):

| | |
|---|---|
| Aptitude 01: 2 | G. General Learning Ability |
| Aptitude 02: 2 | V. Verbal Aptitude |
| Aptitude 03: 2 | N. Numerical Aptitude |
| Aptitude 04: 2 | S. Spatial Perception |
| Aptitude 05: 3 | P. Form Perception |
| Aptitude 06: 4 | Q. Clerical Perception |
| Aptitude 07: 2 | K. Eye-Hand Coordination |
| Aptitude 08: 2 | F. Finger Dexterity |
| Aptitude 09: 2 | M. Manual Dexterity |

### INTERESTS - You would like:
- business contact with people.
- working to improve social conditions.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Offices and Clinics of Other Health Practitioners
- Federal Government
- Offices of Dentists

### SIMILAR OCCUPATIONS
- Dentist
- Medical or Clinical Laboratory Technician

### PROGRAMS OF STUDY
- Dental Hygiene

### EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE
- $27,000 to $32,999 per year (up to $16.83 per hour).

### FUTURE OUTLOOK
- Projected number of employees: 6,772 (in 1993)
  : 7,998 (in 1998)

Average annual number of openings from 1993 to 1998: 305
This trend indicates a 18% change.

FLORIDA VIEW

Vital Information for Education and Work

Title: **DENTAL LABORATORY TECHNICIAN**
SOC No. 6865000
DOT No. 712.381-018
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Makes false teeth, crowns, and inlays to restore people's teeth. Makes bridges and devices for straightening teeth. Works from dentist's or orthodontist's instructions, and impressions made of patients' teeth. Uses special lathes and drills.

RELATED EDUCATION PROGRAMS: Dental Laboratory Technology; Military services.

EMPLOYERS: Most are dental laboratories, others are dentists. Self-employed; Military services.

MORE INFORMATION: National Association of Dental Laboratories; 3801 Mt. Vernon Ave, Alexandria, VA 22305. Military Recruiting Office. SPECIAL NOTE**Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 712.381-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Surgical, Medical, Dental Instruments & Supplies
- Self-employed
- Offices of Dentists

## SIMILAR OCCUPATIONS

- Optical Goods Worker;
- Dental Ceramist;
- Dental Laboratory Technical/Enl (Mil)
- Orthodontic Technician;
- Denture Model Maker;

## PROGRAMS OF STUDY

- Dental Laboratory Technology
- Dental Services, Other

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 3,454 (in 1993)
  : 4,035 (in 1998)

Average annual number of openings from 1993 to 1998: 236
This trend indicates a 17% change.

VIEW No. 86

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **DENTIST**
SOC No. 2620000
DOT No. 072.101-010
GOE Interest Area: 02.03 Medical Sciences

### DESCRIPTION

Examines teeth and other parts of the mouth to diagnose diseases or disorders. Takes x-rays, fills cavities, straightens teeth, and treats gum diseases. Pulls teeth and replaces them with dentures.

RELATED EDUCATION PROGRAMS: Dentistry. License required.

EMPLOYERS: Self-employed. Others work in hospitals, Government agencies, Military services.

MORE INFORMATION: American Dental Assoc, 211 E Chicago Ave, Chicago, IL 60611. Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 072.101-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(0) Mentoring: Helping people deal with problems. May give legal, scientific, clinical, spiritual, or other professional advice.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 1 S. Spatial Perception
Aptitude 05: 1 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 1 F. Finger Dexterity
Aptitude 09: 1 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- business contact with people.
- scientific or technical work.
- working to improve social conditions.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- dealing with people.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government
- Self-employed
- Offices of Dentists

### SIMILAR OCCUPATIONS

- Public Health Dentist;
- Dentist/Off (Mil);
- Orthodontist;
- Pedodontist;
- Director, Dental Services;
- Prosthodontist;

### PROGRAMS OF STUDY

- Pre-Dentistry

### EDUCATION LEVEL

- 5 or more years University.

### AVERAGE BEGINNING WAGE

- $40,000 to $49,999 per year (up to $25.50 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 9,335 (in 1993)
  : 10,449 (in 1998)

Average annual number of openings from 1993 to 1998: 645
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: DIESEL ENGINE MECHANIC**
SOC No. 6112000
DOT No. 625.281-010
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Repairs and maintains diesel engines that power transportation equipment such as buses, ships, trucks, trains, and construction machinery such as bulldozers, cranes and farm equipment. Diagnoses trouble, disassembles engines, replaces worn and broken parts, and reassembles engines.
RELATED EDUCATION PROGRAMS: Diesel Mechanics; Military services; On-the-job training.
EMPLOYERS: Trucking companies; Automobile/truck repair shops, Wholesalers.
MORE INFORMATION: Assoc. of Diesel Specialists, 9140 Ward Pkwy, Kansas City, MD 64114. SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • overtime work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- stooping, kneeling, crouching, or crawling.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 625.281-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Elementary and Secondary Schools
- Automobile Repair Shops
- Trucking and Courier Services, Except Air

### SIMILAR OCCUPATIONS

- Industrial Truck Mechanic;
- Tractor Mechanic;
- Diesel Engine Erector;
- Machinist, Marine Engine;
- Engine Mechanic/Enl (Mil);

### PROGRAMS OF STUDY

- Diesel Engine Mechanics

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 13,803 (in 1993)
  : 15,534 (in 1998)

Average annual number of openings from 1993 to 1998: 672
This trend indicates a 13% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **DIETICIAN OR NUTRITIONIST**
SOC No. 3020300
DOT No. 077.127-010
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Organizes, plans and conducts food service or nutritional program to promote good health. May set up and supervise meal preparation in an institution. Manages food purchases and budgets. Gives advice on good eating habits. May work in a hospital, prison, school or as an educator or private consultant.
RELATED EDUCATION PROGRAMS: Food Sciences and Human Nutrition; Dietetics/Human Nutritional Services. License regulated by Florida Board of Medicine.
EMPLOYERS: Hospitals; Nursing homes; Social - Services; Government; Military Services-Health Care Staff
MORE INFORMATION: Amer. Dietetic Assoc, 430 N. Michigan Ave; Chicago, IL 60611; Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 077.127-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS - You would like:

- working to improve social conditions.
- studying people or communicating ideas.
- working with machines, process or techniques.
- scientific or technical work.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hospitals
- Offices and Clinics of Other Health Practitioners
- Justice, Public Order and Safety

### SIMILAR OCCUPATIONS

- Consultant, Dietician;
- Chief Dietician;
- Clinical Dietician;
- Dietician/Off (Mil);
- Research Dietician;
- Community Dietician;

### PROGRAMS OF STUDY

- Food Sciences & Human Nutrition, Other
- Food/Food Sciences
- Food Sciences & Human Nutrition, General
- Dietetics/Human Nutritional Services
- Dietetic Aid/Assisting

### EDUCATION LEVEL

- Undergraduate Degree.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 2159 (in 1993)
  : 2576 (in 1998)

Average annual number of openings from 1993 to 1998: 205
This trend indicates a 19% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **DIRECTOR OF RELIGIOUS ACTIVITIES**
SOC No. 2049100
DOT No. 129.107-018
GOE Interest Area: 11.07 Services Administration

### DESCRIPTION

Directs and coordinates the activities and/or education programs of religious groups. Provides leadership to meet the spiritual needs of the group. May provide group or individual counseling on marital, health, financial, and religious problems. May direct religious activities of students.
RELATED EDUCATION PROGRAMS: Religious Education.
EMPLOYERS: Religious organizations; Military services.
MORE INFORMATION: Local Church or Synagogue; Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 129.107-018 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(0) Mentoring: Helping people deal with problems. May give legal, scientific, clinical, spiritual, or other professional advice.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.
- working to improve social conditions.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- taking responsibility.
- decisions based on personal judgment.
- influencing people.
- dealing with people.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Residential Care
- Religious Organizations
- Self-employed

### SIMILAR OCCUPATIONS

- Pastoral Assistant;
- Clergy;
- Religious Program Specialist/Enl (Mil);
- Cantor;

### PROGRAMS OF STUDY

- Theology, Other
- Religious Music
- Missionary Studies
- Biblical Languages
- Theological Studies
- Clinical Pastoral Care
- Bible Studies
- Religious Education
- Religion

### EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 3,117 (in 1993)
  : 3,514 (in 1998)

Average annual number of openings from 1993 to 1998: 385
This trend indicates a 13% change.

VIEW No. 90

FLORIDA VIEW

**Vital Information for Education and Work**

Title: **DISPATCHER; EXCEPT POLICE, FIRE, AMBULANCE**
SOC No. 3920217
DOT No. 912.167-010
GOE Interest Area: 05.03 Engineering Technology

## DESCRIPTION

Schedules and dispatches workers, work crews, equipment, or service vehicles for conveyance of materials, freight, or passengers. Gas, electric, or utility workers are dispatched for installation, service, or emergency repair. Taxis are dispatched to individuals. Tow trucks dispatchers take calls for road service. May use radio and telephone equipment to transmit assignments.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 912.167-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 5 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS - You would like:

- detailed, organized work following set sequence.
- working with things, numbers or objects.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- decisions based on personal judgment.
- working under stress.
- dealing with people.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Trucking and Courier Services, Except Air
- Motor Vehicle Dealers (New and Used)
- Department Stores

## SIMILAR OCCUPATIONS

- Air Traffic Control Manager/Off (Mil)
- Air Traffic Controller;
- Air Traffic Control Specialist, Tower
- Air Traffic Control Specialist, Station
- Air Traffic Controller/Enl (Mil);
- Air Traffic Coordinator;

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 9,129 (in 1993)
  : 10.227 (in 1998)

Average annual number of openings from 1993 to 1998: 463
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **DISPATCHER; POLICE, FIRE, AMBULANCE**
SOC No. 4751200
DOT No. 379.362-010
GOE Interest Area: 07.04 Oral Communications

### DESCRIPTION

Receives complaints from the public concerning crimes, fires and medical or police emergencies. Operates radio and telephone equipment to receive reports of fire or medical emergencies. Relays the information to police radio patrol units or to the proper officials.

RELATED EDUCATION PROGRAMS: Receptionist and Communications Systems Operation; On-the-job training; Military services.

EMPLOYERS: Local police and fire departments; Emergency medical services.

MORE INFORMATION: City and County Personnel Offices; State Job Service Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 379.362-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- taking responsibility.
- working under stress.
- dealing with people.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Local and Suburban Transport
- Public Finance, Taxation and Monetary Policy

### SIMILAR OCCUPATIONS

- Telecommunicator;
- Security Guard Dispatcher;
- Dispatcher/Enl (Mil);
- Radio Dispatcher;
- Alarm Operator;

### PROGRAMS OF STUDY

- Communications, General
- Receptionist & Communication Systems Operation

### EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 5,951 (in 1993)
  : 6,675 (in 1998)

Average annual number of openings from 1993 to 1998: 303
This trend indicates a 12% change.

VIEW No. 92

FLORIDA VIEW

**Vital Information for Education and Work**

Title: **DISPLAYER, MERCHANDISE**
SOC No. 3220274
DOT No. 298.081-010
GOE Interest Area: 01.02 Visual Arts

## DESCRIPTION

Designs, builds, paints, and arranges window and interior store displays to attract the attention of prospective customers. Prepares a sketch or model showing layout, color, and other features and submits it for approval. Builds the display, using brushes, knife, scissors, and carpentry, and metal working tools. Sets up the display in a store window or other commercial area.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • weekend work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 298.081-010 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Artistic - includes artistic, musical, and some writing occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- abstract and creative work.
- working on or producing things.

## TEMPERAMENTS - You would like work with:

- taking responsibility.
- influencing people.
- decisions based on personal judgment.
- meeting strict standards.
- expressing feelings and ideas.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Women's Clothing Stores
- Department Stores
- Home Furniture and Furnishings Stores

## SIMILAR OCCUPATIONS

- Counter and Rental Clerk;
- Stock Clerk, Sales Floor;
- Retail Sales Person;

## PROGRAMS OF STUDY

- Business & Personal Services Marketing, General

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,191 (in 1993)
  : 1,323 (in 1998)

Average annual number of openings from 1993 to 1998: 82
This trend indicates a 11% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **DOCK HAND**
SOC No. 6179475
DOT No. 891.684-010
GOE Interest Area: 05.12 Elemental Work: Mechanical

### DESCRIPTION

Cleans the outside of ships and provides upkeep to drydocks and piers. Uses machinery to lift ship out of the water. Washes or steam cleans the outside of a ship's hull to remove marine growth and loose paint. Scrapes barnacles from hull with long handled scraper and ships rust or paint from hull with pneumatic tool. Builds scaffolds to reach sections of hull, uses machinery to return the ship to water.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- damp or wet.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- reaching, handling, fingering, or feeling.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 891.684-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- repeating set tasks.
- taking responsibility.
- dealing with people.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Agricultural Services
- Electrical Goods
- Automotive Services, Except Repair

### SIMILAR OCCUPATIONS

- Rigger;
- Hand Packer
- Longshore Equipment Operator;
- Laborer, Shipyard;

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- grade 12 completed.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 11,426 (in 1993)
  : 13,065 (in 1998)

Average annual number of openings from 1993 to 1998: 734
This trend indicates a 14% change.

VIEW No. 94

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **DRAFTER, MECHANICAL**
SOC No. 3720247
DOT No. 007.281-010
GOE Interest Area: 05.03 Engineering Technology

### DESCRIPTION

Drafts detailed drawings of industrial machines, machine parts, engines, tools, and mechanical equipment. Makes general assembly and detail drawings of gears, levers, pulleys and reduction gears. Puts engineering information on the drawings, like dimensions and tolerance, fasteners and joining requirements. Prepares working drawings showing methods of manufacture, joining and fastening using knowledge of machine shop practices.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 007.281-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 6 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

### INTERESTS - You would like:

- detailed, organized work following set sequence.
- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- taking responsibility.
- repeating set tasks.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed Authors, Lecturers, Radio Commentators
- Self-employed
- Public Finance, Taxation and Monetary Policy

### SIMILAR OCCUPATIONS

- Mechanical Engineering Technician;
- Drafter;
- Computer-Aided Design Technician;

### PROGRAMS OF STUDY

- Civil/Structural Drafting
- Electrical/Electronics Drafting
- Mechanical Drafting
- Drafting & Design Technology
- Surveying & Mapping Technology
- Architectural Drafting

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 16,795 (in 1993)
  : 19,097 (in 1998)

Average annual number of openings from 1993 to 1998: 984
This trend indicates a 14% change.

FLORIDA
**VIEW**

**Vital Information for Education and Work**

Title: **DRILLING OR BORING MACHINE SETTER OR SET-UP OPERATOR**
SOC No. 7318100
DOT No. 606.380-010
GOE Interest Area: 06.01 Production Technology

## DESCRIPTION

Sets up and operates machines that drill holes in metal parts. Studies job orders/blueprints to determine machine and tools required. Fastens workpieces onto machine, adjusts the cutting speed, feed rates and starts machine.

RELATED EDUCATION PROGRAMS: Machine Tool Operation/Machine Shop. This occupation is becoming more and more automated (see Numerical Control Machine Set Up Operator); On-the-job training.

EMPLOYERS: Metal products factories; Tool manufacturers; Machine shops; Machinery manufacturers. Transportation equipment manufacturers.

MORE INFORMATION: The National Tooling and Machining Assoc, 9300 Livingston Rd; Ft. Washington, MO 20744

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 606.380-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Electronic Components and Accessories
- Miscellaneous Fabricated Metal Products
- Refrigeration and Service Industry Machinery

## SIMILAR OCCUPATIONS

- Lathe and Turning Machine Set-Up Operator
- Drill Press Set-Up Operator;
- Grinding and Buffing Machine Tool Setter
- Numerical Control Machine Set-Up Operator
- Plating Machine Set-Up Operator or Setter
- Automatic Drill Press Operator;

## PROGRAMS OF STUDY

- Machine Tool Operation/Machine Shop

## EDUCATION LEVEL

- 11 to 13 years education.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 849 (in 1993)
  : 951 (in 1998)

Average annual number of openings from 1993 to 1998: 120
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **DRYWALL INSTALLER**
SOC No. 6424000
DOT No. 842.381-010
GOE Interest Area: 05.10 Crafts

### DESCRIPTION

Attaches drywall panels to the inside framework of buildings. May build metal or wooden frameworks and attach laths (wire mesh) to them so drywall can be applied. May prepare the drywall sheets for painting.
RELATED EDUCATION PROGRAMS: Drywall Installation;
EMPLOYERS: Building contractors who specialize in drywall work; Self-employed.
MORE INFORMATION: Associated Builders and Contractors Inc.; 729 15th St, NW; Washington, D.C. 20005; National Joint Painting, Decorating and Drywall Apprenticeship training Committee; 1750 New York Ave, NW; Washington, D.C. 20006 SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- dust, fumes, odors, poor ventilation.
- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- climbing or balancing.
- standing for a long time.
- lifting.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 842.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupatio
(1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working on or producing things.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Masonry, Stonework, Tile Setting and Plastering
- Self-Employed
- Carpeting and Flooring

### SIMILAR OCCUPATIONS

- Taper;
- Lather;
- Drywall Sprayer;
- Sheetrock Applicator;

### PROGRAMS OF STUDY

- Drywall Installation

### EDUCATION LEVEL

- grade 11 or 12 completed.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 6,223 (in 1993)
  : 6,967 (in 1998)

Average annual number of openings from 1993 to 1998: 197
This trend indicates a 12% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

**Title: DUPLICATING MACHINE OPERATOR**
SOC No. 4720100
DOT No. 207.682-010
GOE Interest Area: 05.12 Elemental Work: Mechanical

### DESCRIPTION

Operates machines that copy documents, or that address, fold, stuff, seal, and stamp mail. May load and adjust the machine and feed materials such as paper and glue into the machine during operation.

RELATED EDUCATION PROGRAMS: Duplicating Machine Operation; General Office Clerk. On-the-job training.

EMPLOYERS: Found in most large businesses, especially banks and copy services.

MORE INFORMATION: Local State Job Service Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 207.682-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Title Insurance
- Mailing, Duplicating, Art, Photography & Stenographic Services
- Self-Employed Authors, Lecturers, Radio Commentators

### SIMILAR OCCUPATIONS

- Folding Machine Operator;
- Braille-Duplication Machine Operator;
- Photocopying-Machine Operator;
- Photographic Machine Operator;
- Embossing Machine Operator;
- Offset Duplicating Machine Operator;

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- 10 to 12 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,571 (in 1993)
  : 1,801 (in 1998)

Average annual number of openings from 1993 to 1998: 110
This trend indicates a 15% change.

VIEW No. 98

FLORIDA
VIEW
Vital Information for Education and Work

Title: **EDUCATION ADMINISTRATOR**
SOC No. 1283300
DOT No. 099.117-010
GOE Interest Area: 11.07 Services Administration

## DESCRIPTION

Plans and coordinates educational activities of colleges, universities, vocational-technical, post-secondary, or elementary schools. Cooperates with business, civic, or other organizations to develop curriculums to meet the needs and interests of students. May plan budgets and in-service training. May provide or coordinate training in private businesses.
RELATED EDUCATION PROGRAMS: Education Administration. Certification required.
EMPLOYERS: Public and private post secondary schools, preschools, and vocational schools. Military services.
MORE INFORMATION: American Council on Education; One Dupont Circle NW; Washington, D.C. 20036. Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- hearing.
- speaking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 099.117-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(1) Negotiating: Talking over ideas, information, and opinions with others until all agree on solutions.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- business contact with people.
- directing or organizing, or activities resulting in recognition.
- working to improve social conditions.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- taking responsibility.
- influencing people.
- dealing with people.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- U.S. Postal Service, Total

## SIMILAR OCCUPATIONS

- Director, Education, Community Health Nurse
- Education Supervisor, Corrections Institution
- Education and Training Director/Off (Mil)
- Director, Special Education;
- Director, Vocational;
- Director, Preschool;

## PROGRAMS OF STUDY

- Higher Education Administration
- Adult & Continuing Education Administrative
- Administration of Special Education
- Elementary & Secondary Education Administration
- Educational Supervision
- Community College Education Administration
- Education Administration, Other
- Education Administration, General

## EDUCATION LEVEL

- 5 or more years University.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 13,648 (in 1993)
  : 15,244 (in 1998)

Average annual number of openings from 1993 to 1998: 867
This trend indicates a 12% change.

VIEW No. 99

FLORIDA
# VIEW

## Vital Information for Education and Work

Title: **ELECTRIC METER INSTALLER OR REPAIRER**
SOC No. 6171200
DOT No. 729.281-014
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Installs electric meters on customer's premises or on pole. Tests meters and performs necessary repairs using handtools or chemical solutions to clean parts. Reassembles meter using new or repaired parts. Turns current on or off by connecting or disconnecting service. Tests meter for accuracy.
RELATED EDUCATION PROGRAMS: Electromechanical, Hydraulic and Pneumatic Instrument Repair.
EMPLOYERS: Electric Utility Companies.
MORE INFORMATION: Local Utility Companies.
**SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 729.281-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Combination Companies and Systems
- Electric Services

### SIMILAR OCCUPATIONS

- Supervisor, Meter Repair Shop;
- Harp Regulator;
- Gas-Meter Mechanic I;
- Inside Meter Tester;

### PROGRAMS OF STUDY

- Electromechanical, Hydraulic, & Pneumatic Repair

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 620 (in 1993)
  : 692 (in 1998)

Average annual number of openings from 1993 to 1998: 70
This trend indicates a 12% change.

VIEW No. 100

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLER**
SOC No. 6867000
DOT No. 729.687-010
GOE Interest Area: 06.01 Production Technology

### DESCRIPTION

Assembles or modifies electrical or electronic equipment parts. Missile control systems, radio and test equipment, computers, radar, sonar, or appliances are assembled and tested. May assemble electrical equipment for machinery.

RELATED EDUCATION PROGRAMS: Communications Electronics; Electrical and Electronics Equipment Repairs; Industrial Electronics. On-the-job training

EMPLOYERS: Manufacturers of office and computing machines, professional and scientific instruments and other electrical/electronic machinery and equipment.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 729.687-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Communication Equipment
- Electronic Components and Accessories
- Computer and Office Equipment

### SIMILAR OCCUPATIONS

- Electronics Utility Worker;
- Wirer;
- Electric Motor Control Assembler;
- Electric Organ Assembler and Checker;
- Transformer Assembler;

### PROGRAMS OF STUDY

- Electromechanical Technology
- Industrial Electronics
- Electrical & Electronics Equipment Repair, General

### EDUCATION LEVEL

- 9 to 12 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 11,200 (in 1993)
  : 12,457 (in 1998)

Average annual number of openings from 1993 to 1998: 611
This trend indicates a 11% change.

FLORIDA
VIEW
Vital Information for Education and Work

Title: ELECTRICAL AND ELECTRONIC ASSEMBLER
SOC No. 7720200
DOT No. 726.384-010
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Assembles less complex electrical and electronic components, subassemblies and systems. Follows work orders and production drawings. Positions, aligns and secures parts in place. Connects component lead wires.
RELATED EDUCATION PROGRAMS: Communications Electronics; Electrical and Electronics Equipment Repair; Industrial electronics. On-the-job training.
EMPLOYERS: Makers of electrical/electronic machinery and equipment, office and computing machines and professional and scientific instruments.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 726.384-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Communication Equipment
- Electronic Components and Accessories
- Laboratory Equip.: Analytical & Optical, Regulating Instruments

## SIMILAR OCCUPATIONS

- Electric Motor Winder;
- Electrical Control Assembler;
- Semiconductor Assembler;
- Battery Parts Assembler;
- Electric Sign Assembler;
- Electronic Sensing Equipment Assembler;

## PROGRAMS OF STUDY

- Industrial Electronics
- Electrical & Electronics Equipment Repair, General

## EDUCATION LEVEL

- 11 to 13 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 9697 (in 1993)
  : 10870 (in 1998)

Average annual number of openings from 1993 to 1998: 119
This trend indicates a 12% change.

VIEW No. 102

FLORIDA VIEW

Vital Information for Education and Work

**Title:** ELECTRICAL/ELECTRONIC ENGINEERING TECHNOLOGIST
SOC No. 3711200
DOT No. 003.161-010
GOE Interest Area: 05.01 Engineering

## DESCRIPTION

Works with engineers and scientists to design, build, test or repair electrical and electronic equipment. Works with radios, radar, sonar, TV, computers, navigational equipment, or industrial and medical devices. May work in an industrial or commercial plant which designs and produces electrical equipment.
RELATED EDUCATION PROGRAMS: Electrical Technology; Electronic Technology.
EMPLOYERS: Manufacturers of electrical machinery and equipment; Wholesale distributors of electrical equipment and machinery; Public utilities.
MORE INFORMATION: International Society of Certified Electronic Technicians; 2708 W. Berry; Suite 3; Fort Worth, TX 76109

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 003.161-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Communication Equipment
- Self-employed Authors, Lecturers, Radio Commentators
- Machinery, Equipment and Supplies

## SIMILAR OCCUPATIONS

- Electrical and Electronic Assembler;
- Instrumentation Technician;
- Semiconductor-Development Technician;
- Technical Testing Engineer;
- Printed Circuit Designer (N/E);
- Calibration Laboratory Technician;

## PROGRAMS OF STUDY

- Electrical Technology
- Laser Electro-Optic Technology
- Instrumentation Technology
- Electronic Technology

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 20,451 (in 1993)
  : 23,360 (in 1998)

Average annual number of openings from 1993 to 1998: 985
This trend indicates a 14% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: ELECTRICAL HOME APPLIANCE AND POWER TOOL SERVICER
SOC No. 6156229
DOT No. 827.261-010
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Installs, services, and repairs electrical household appliances. Takes the machine apart and repairs or replaces parts. Tests wiring of broken or worn circuit testers. Uses soldering equipment to replace wiring and parts. Tests gas pipelines to locate leaks and faulty pipe connections.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • weekend work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 827.261-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Electrical Repair Shops
- Department Stores
- Self-employed

### SIMILAR OCCUPATIONS

- Electric Tool Repairer;
- Electrical Motor Repairer;
- Television and Radio Repairer;

### PROGRAMS OF STUDY

- Major Appliance Repair
- Small Appliance Repair

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 3,758 (in 1993)
  : 4,237 (in 1998)

Average annual number of openings from 1993 to 1998: 244
This trend indicates a 13% change.

VIEW No. 104

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **ELECTRICAL MOTOR REPAIRER**
SOC No. 6152100
DOT No. 721.281-018
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Repairs and services electric motors. Follows blueprints or diagrams to identify parts. Takes motors apart, replaces worn parts, and solders loose connections. Uses hand tools and testing equipment. Tests motor for proper functioning.

RELATED EDUCATION PROGRAMS: Motor Repair; Military services, Army Navy and Marine Corps offer apprenticeship.

EMPLOYERS: Auto repair shops; Electrical equipment manufacturers; Self-employed; Military services.

MORE INFORMATION: International Brotherhood of Electrical Workers, 1125 15th St NW; Washington, D.C. 20005. Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 721.281-018 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupatio (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Miscellaneous Repair Shops and Related Services
- Electric Services

## SIMILAR OCCUPATIONS

- Automotive Generator and Starter Repairer
- Transformer Repairer;
- Electric Tool Repairer;
- Electrical Products Repairer/Enl (Mil);

## PROGRAMS OF STUDY

- Major Appliance Repair
- Electrical & Electronics Equipment Repair, General
- Small Appliance Repair
- Motor Repair

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,136 (in 1993)
  : 2,434 (in 1998)

Average annual number of openings from 1993 to 1998: 114
This trend indicates a 14% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **ELECTRICAL OR ELECTRONICS ENGINEER (N/E)**
SOC No. 1633200
DOT No. 003.061-010
GOE Interest Area: 05.01 Engineering

### DESCRIPTION
Develops, tests, and supervises the manufacture and installation of electrical and electronic components in electric motors or machinery, computers, radar, communications equipment, or T.V. sets.

RELATED EDUCATION PROGRAMS: Electrical, Electronics and Communications Engineering. License required.

EMPLOYERS: Electrical and electronic equipment manufacturers. Engineering firms; Office and computer machine manufacturers; Military services.

MORE INFORMATION: Institute of Electrical and Electronics Engineers/U.S. Activities Board, 1828 L. St., NW., Suite 1202, Washington, D.C. 20036. Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing differences in color.
- seeing.

### WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 003.061-010 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

VIEW No. 106

### APTITUDES
The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:
- working with things, numbers or objects.
- scientific or technical work.
- abstract and creative work.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:
- taking responsibility.
- many changing duties.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Communication Equipment
- Electronic Components and Accessories
- Guided Missiles and Space Vehicles and Parts

### SIMILAR OCCUPATIONS
- Power Transmission Engineer;
- Engineering Manager, Electronics;
- Electrical Design Engineer;
- Commercial Engineer;
- Electrical and Electronic Engineer/Off (Mil)
- Central Office Equipment Engineer;

### PROGRAMS OF STUDY
- Microelectronic Engineering
- Computer Engineering
- Electrical, Electronics, & Communications Engineering
- Systems Engineering

### EDUCATION LEVEL
- Undergraduate Degree.

### AVERAGE BEGINNING WAGE
- $33,000 to $39,999 pear year (up to $20.41 per hour)

### FUTURE OUTLOOK
- Projected number of employees: 26,124 (in 1993)
  : 29,374 (in 1998)

Average annual number of openings from 1993 to 1998: 1,199
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **ELECTRICIAN**
SOC No. 6432000
DOT No. 824.261-010
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Installs, maintains, and repairs electrical wiring in buildings and fixtures. Follows wiring diagrams to insure that wiring is in accordance with State and local building codes. Uses handtools, power tools, and soldering irons. Connects wiring to light fixtures and power equipment.

RELATED EDUCATION PROGRAMS: Electrician; Military services; Corps offer apprenticeship, contractors, the rest are in many industries; Self-employed.

MORE INFORMATION: International Brotherhood of Electrical Workers, 1125 15th St NW, Washington, D.C. 20005. **SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • weekend work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 824.261-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Electrical Work
- Public Finance, Taxation and Monetary Policy
- Self-employed

### SIMILAR OCCUPATIONS

- Building Electrician/Enl (Mil);
- Electrical Repairer;
- Protective Signal Installer;
- Airport Electrician;
- Protective Signal Repairer;
- Power Plant Electrician/Enl (Mil);

### PROGRAMS OF STUDY

- Electrical & Electronics Equipment Repair, Other
- Electrician

### EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 30,750 (in 1993)
  : 34,485 (in 1998)

Average annual number of openings from 1993 to 1998: 1,465
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **ELECTROCARDIOGRAPH TECHNICIAN**
SOC No. 3690100
DOT No. 078.362-018
GOE Interest Area: 10.03 Child and Adult Care

### DESCRIPTION

Operates an electrocardiograph machine to record variations in heart muscle activity. Diagnoses heart ailments, heart disease, or monitors effects of medication on heart activity. Must be knowledgeable of heart and chest anatomy; selects locations on patient's chest to attach electrodes.

RELATED EDUCATION PROGRAMS: Electrocardiograph technology; Mil. Services.

EMPLOYERS: Most work in hospitals; some work in clinics and cardiologists' offices; Military Services.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- walking.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 078.362-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- scientific or technical work.
- working on or producing things.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- dealing with people.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Medical and Dental Laboratories
- Hospitals
- Offices of Physicians

### SIMILAR OCCUPATIONS

- Cardiopulmonary Technologist;
- Cardiopulmonary and EEG Technician/Enl (Mil)
- Cardiac Monitor Technician;
- Perfusionist;
- Holter Scanning Technician;

### PROGRAMS OF STUDY

- Cardiovascular Technology
- Electrocardiograph Technology

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,543 (in 1993)
  : 1,820 (in 1998)

Average annual number of openings from 1993 to 1998: 81
This trend indicates a 18% change.

VIEW No. 108

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **ELECTROENCEPHALOGRAPH TECHNICIAN/TECHNOLOGIST**
SOC No. 3690200
DOT No. 078.362-022
GOE Interest Area: 10.03 Child and Adult Care

## DESCRIPTION

Uses an electroencephalograph to measure and record electrical activity of the brain while the patient is asleep. Diagnoses disease, disorders, or injury to the brain; forwards results to a neurologist for diagnosis of disorders.
Title "technologist" refers to those who are registered or certified; "technician" for those who are not.
RELATED EDUCATION PROGRAMS: Electroencephalograph Technology; Military Services. Accredited by CAHEA.
EMPLOYERS: Most work in hospitals. Others work in laboratories, doctors' offices, clinics. Military Services.
MORE INFORMATION: Am. Society of EEG Tech.; 6th at Quint; Carroll, Iowa 51401.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 078.362-022 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- scientific or technical work.
- abstract and creative work.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- dealing with people.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Medical and Dental Laboratories
- Home Health Care Services
- Hospitals

## SIMILAR OCCUPATIONS

- Cephalometric Analyst;
- Electrocardiograph Technician;
- Cardiopulmonary and EEG Technician/Enl (Mil)

## PROGRAMS OF STUDY

- Electroencephalograph Technology

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 417 (in 1993)
  : 493 (in 1998)

Average annual number of openings from 1993 to 1998: 22
This trend indicates a 18% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: ELECTROMECHANICAL EQUIPMENT ASSEMBLER**
SOC No. 6812200
DOT No. 828.381-014
GOE Interest Area: 06.01 Production Technology

### DESCRIPTION

Assembles, tests, and prepares electromechanical equipment or devices, such as gear trains and ejection seat mechanisms. Reads blueprints. Bolts and screws parts together, using handtools. Solders electrical components.
RELATED EDUCATION PROGRAMS: Electromechanical Technology; Electromechanical, Hydraulic and Pneumatic Instrument Technology.
EMPLOYERS: Makers of office, computing and accounting machinery and equipment and professional and scientific instruments.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 828.381-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Communication Equipment
- Laboratory Equip.: Analytical & Optical, Regulating Instruments
- Computer and Office Equipment

### SIMILAR OCCUPATIONS

- Electromechanical Technician;
- Electromechanical Inspector;
- Final Assembler;
- Engine Assembler;
- Precision Assembler, Bench;

### PROGRAMS OF STUDY

- Electromechanical Technology
- Electromechanical, Hydraulic, & Pneumatic Repair

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,757 (in 1993)
  : 1,945 (in 1998)

Average annual number of openings from 1993 to 1998: 92
This trend indicates a 11% change.

VIEW No. 110

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **ELECTRONIC SEMICONDUCTOR PROCESSOR**
SOC No. 7679200
DOT No. 590.684-022
GOE Interest Area: 06.04 Elemental Work: Industrial

### DESCRIPTION

Processes materials used to make electronic semi conductors. Loads material into furnace to form ingot. Saws ingot into segments and loads segments into crystal growing chamber.

RELATED EDUCATION PROGRAMS: Industrial Electronics. On-the-job training.

EMPLOYERS: Makers of electronic components and accessories.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 590.684-022 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Communication Equipment
- Laboratory Equip.: Analytical & Optical, Regulating Instruments
- Electronic Components and Accessories

### SIMILAR OCCUPATIONS

- Crystal Growing Technician;
- Electronic Component Processor;
- Ultrasonic Tester;
- Ion Implant Machine Operator;
- Cleaning Machine Operator, Semiconductor

### PROGRAMS OF STUDY

- Industrial Electronics

### EDUCATION LEVEL

- 9 to 12 years education.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 645 (in 1993)
  : 721 (in 1998)

Average annual number of openings from 1993 to 1998: 34
This trend indicates a 12% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: ELECTRONICS REPAIRER, COMMERCIAL AND INDUST. EQUIP.**
SOC No. 6153100
DOT No. 828.281-010
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Installs, repairs and services electronic equipment used in business and industry. Works with computers, radar and missile control systems. Uses testing devices to find problems. Repairs and replaces parts. Uses a variety of hand tools.

RELATED EDUCATION PROGRAMS; Industrial Electronics; Military services.

EMPLOYERS: Department of Defense; Electronic equipment manufacturers; Industrial machinery wholesalers; Self-employed.

MORE INFORMATION: The International Society of Certified Electronic Technicians, 2708 West Berry St, Fort Worth, TX 76109

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing differences in color.
- hearing.
- walking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 828.281-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS - You would like:

- working with machines, process or techniques.
- scientific or technical work.
- working on or producing things.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Federal Government
- Electrical Repair Shops

## SIMILAR OCCUPATIONS

- Radar and Sonar Equipment Repairer/Enl (Mil)
- Production Repairer;
- Field Engineer, Computer;
- Electronic Instrument Repairer/Enl (Mil)

## PROGRAMS OF STUDY

- Industrial Electronics
- Electromechanical Technology
- Electrical & Electronics Equipment Repair, Other

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 3,857 (in 1993)
  : 4,343 (in 1998)

Average annual number of openings from 1993 to 1998: 233
This trend indicates a 13% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **ELECTROPLATING MACHINE SETTER OR OPERATOR**
SOC No. 7543100
DOT No. 500.684-010
GOE Interest Area: 06.02 Production Work

### DESCRIPTION

Operates or tends electrolytic plating or coating machines to coat metal or plastic to protect or decorate their surface. Fills machines with coating material and adjusts controls. Watches gauges or feels coatings to check thickness.

RELATED EDUCATION PROGRAMS: On-the-job training.

EMPLOYERS: Companies that electroplate metals and metal products. Manufacturers of electrical and electronic machinery and equipment.

MORE INFORMATION: The National Tooling and Machining Association; 9300 Livingston Rd; Ft. Washington, MD 20744

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- damp or wet.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 500.684-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government
- Electronic Components and Accessories
- Coating, Engraving, and Allies Services

### SIMILAR OCCUPATIONS

- Electroformer
- Matrix Plater
- Zinc Plating Machine Operator;
- Plater, Production;
- Anodizer;

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 440 (in 1993)
  : 484 (in 1998)

Average annual number of openings from 1993 to 1998: 26
This trend indicates a 10% change.

FLORIDA
# VIEW
Vital Information for Education and Work

**Title: ELEVATOR INSTALLER OR REPAIRER**
SOC No. 6176100
DOT No. 825.361-010
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Installs and services elevators, escalators, and similar equipment. Installs electrical wires and controls, circuit breakers, and switches. Assembles elevator cars and car platforms. Uses handtools, powertools and testing meters.

RELATED EDUCATION PROGRAMS: Industrial Machinery Maintenance and Repair. May require license.

EMPLOYERS: Special trades construction contractors specializing in structural steel erection and installation of building equipment.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • overtime work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- carrying.
- climbing or balancing.
- lifting.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing differences in color.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 825.361-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- U.S. Postal Service, Total
- Miscellaneous Special Trade Contractors
- Federal Government

## SIMILAR OCCUPATIONS

- Elevator Constructor Supervisor;
- Elevator Constructor;
- Elevator Repairer Helper;
- Elevator Examiner and Adjuster;

## PROGRAMS OF STUDY

- Industrial Equipment Maintenance & Repair, General

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,714 (in 1993)
  : 1,990 (in 1998)

Average annual number of openings from 1993 to 1998: 94
This trend indicates a 16% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **EMBALMER**
SOC No. 3990200
DOT No. 338.371-014
GOE Interest Area: 02.04 Laboratory Technology

## DESCRIPTION

**Prepares bodies for burial. Washes the body with germicidal soap. Makes incisions in arms and thigh using a scalpel. Inserts pump into artery to drain the blood and replaces blood with embalming fluid.**
RELATED EDUCATION PROGRAMS: Mortuary Science Technology.
EMPLOYERS: Mortuaries; Funeral homes
MORE INFORMATION: National Funeral Directors and Morticians Association; 5723 S Indiana Ave; Chicago, IL 60637
** Special Note ** Florida Statute require licensure regulated by the Department of Professional Regulations.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • weekend work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- stooping, kneeling, crouching, or crawling.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 338.371-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- detailed, organized work following set sequence.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Funeral Service and Crematories
- Unpaid Family Workers

## SIMILAR OCCUPATIONS

- Funeral Attendant;
- Funeral Director;
- Morgue Attendant;
- Mortuary Beautician;

## PROGRAMS OF STUDY

- Funeral Services

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 318 (in 1993)
  : 345 (in 1998)

Average annual number of openings from 1993 to 1998: 13
This trend indicates a 8% change.

FLORIDA VIEW

Vital Information for Education and Work

Title: **EMERGENCY MEDICAL TECHNICIAN**
SOC No. 3690300
DOT No. 079.374-010
GOE Interest Area: 10.03 Child and Adult Care

## DESCRIPTION

Responds to medical emergencies. Determines the nature of the injury and administers first aid treatment. Transports persons to medical facilities.
May administer medication or intravenous treatment. May drive ambulance and must be aware of laws governing emergency vehicles. Works as a team member.
RELATED TRAINING: Emergency Medical Technology; Ambulance; Paramedic; Military services. Accredited by C[illegible]HEA.
EMPLOYERS: Ambulance services; Hospital; Police and Fire Department; Military services.
MORE INFORMATION: National Association of Emergency Medical Technicians, 9140 Ward Parkway, Kansas City, MO 64114. **SPECIAL NOTE** License required.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 079.374-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

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## APTITUDES

The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working to improve social conditions.
- scientific or technical work.
- working on or producing things.

## TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- dealing with people.
- working under stress.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hospitals
- Public Finance, Taxation and Monetary Policy
- Local and Suburban Transport

## SIMILAR OCCUPATIONS

- Medical Service Technician/Enl (Mil);
- Ambulance Driver or Attendant;
- Emergency Medical Service Coordinator
- Surgical Technician or Technologist;
- Licensed Practical Nurse;
- Health Equipment Servicer;

## PROGRAMS OF STUDY

- Emergency Medical Technology-Paramedic
- Emergency Medical Technology-Ambulance

## EDUCATION LEVEL

- less than 1 year Vocational or Trade School.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 4,856 (in 1993)
  : 5,551 (in 1998)

Average annual number of openings from 1993 to 1998: 219
This trend indicates a 14% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **EMPLOYMENT INTERVIEWER**
SOC No. 1430100
DOT No. 166.267-010
GOE Interest Area: 11.03 Social Research

### DESCRIPTION

Interviews persons applying for a job to see if their skills and interests match available jobs. Reviews applications. Refers qualified applicants to prospective employers. Notifies applicants of new job openings. Contacts employers to verify results.

RELATED EDUCATION PROGRAMS: Personnel Assisting

EMPLOYERS: Private employment agencies; Government agencies; Large corporations

MORE INFORMATION: American Society for Personnel Administration; 606 N. Washington St; Alexandria, VA 22314

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 166.267-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- business contact with people.
- working to improve social conditions.
- studying people or communicating ideas.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on personal judgment.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Personnel Supply Services
- Job Training and Vocational Rehabilitation SERVICES

### SIMILAR OCCUPATIONS

- Job Analyst;
- Prisoner Classification Interviewer;
- Recruiting Specialist/Enl (Mil);
- Personnel Recruiter;

### PROGRAMS OF STUDY

- Business Administration & Management, Other
- Human Resources Development
- Personnel Management
- Organizational Behavior
- Labor/Industrial Relations

### EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 3,291 (in 1993)
  : 4,045 (in 1998)

Average annual number of openings from 1993 to 1998: 257
This trend indicates a 23% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **ENGRAVER**
SOC No. 6823100
DOT No. 979.381-010
GOE Interest Area: 01.06 Craft Arts

### DESCRIPTION

**Engraves designs and letters into surfaces of metal, wood, rubber, or other surfaces. Cuts or burns these figures into metal, using engraving tools and machines or acids. May draw or prepare designs using tracing paper or other materials.**

RELATED EDUCATION PROGRAMS: Photoengraving; Jewelry Design, Fabrication and Repair.

EMPLOYERS: Jewelry manufacturers and stores; Trophy stores; Printing and publishing companies; Self-employed.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVTIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 979.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Commercial Printing
- Aircraft and Parts

### SIMILAR OCCUPATIONS

- Engraver, Hand, Hard Metals;
- Picture Engraver;
- Music Engraver;
- Engraver, Seals;

### PROGRAMS OF STUDY

- Jewelry Design, Fabrication, & Repair
- Graphic & Printing Communications, General

### EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 162 (in 1993)
  : 185 (in 1998)

Average annual number of openings from 1993 to 1998: 14
This trend indicates a 14% change.

VIEW No. 118

# FLORIDA VIEW

Vital Information for Education and Work

Title: **FARM EQUIPMENT MECHANIC**
SOC No. 6118100
DOT No. 624.281-010
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Services and repairs machinery, equipment, and vehicles used on farms, such as tractors, balers, tilling equipment or irrigation systems. Uses many basic handtools and may use power tools or welding and testing equipment to do repair work.

RELATED EDUCATION PROGRAMS: Agricultural Power Machinery.

EMPLOYERS: Wholesale distributors of farm machinery and equipment; Self-employed.

MORE INFORMATION: National Farm and Power Equipment Dealers Association; 10877 Watson Rd; St. Louis, MO 63127

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • overtime work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- carrying.
- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- lifting.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 624.281-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES - The following aptitudes are associated with this occupatio

(1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Agricultural Production-Crops
- Machinery, Equipment and Supplies
- Self-employed

## SIMILAR OCCUPATIONS

- Dairy Equipment Repairer;
- Sprinkler-Irrigation Equipment Mechanic
- Heavy Equipment Mechanic;

## PROGRAMS OF STUDY

- Agricultural Mechanics, Construction, Maintenance
- Agricultural Mechanics, General
- Agricultural Power Machinery

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. Voc/Tech. or Univ

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1138 (in 1993)
  : 1277 (in 1998)

Average annual number of openings from 1993 to 1998: 63
This trend indicates a 12% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **FARM EQUIPMENT OPERATOR**
SOC No. 5616000
DOT No. 409.685-010
GOE Interest Area: 03.04 Elemental Work: Plants and Animals

### DESCRIPTION

Operates farm machinery such as harvesters, threshers and pruning saws. Tills soil, plants, cultivates and harvests crops. Attaches plows or other implements to vehicles and drives the machines into the fields. May repair and adjust the machinery.

RELATED EDUCATION PROGRAMS: Agricultural Power Machinery. On-the-job training.

EMPLOYERS: Any large farm; Corporations that own several farms; Farm machinery companies; Self-employed.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- extreme heat.
- risk of injury.
- noise and vibrations.
- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- carrying.
- lifting.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 409.685-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- many changing duties.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Canned, Frozen, and Preserved Fruits and Vegetables
- Sugar and Confectionery Products
- Grain Mill Products

### SIMILAR OCCUPATIONS

- Thresher, Broomcorn;
- Farmworker, Vegetable;
- Farmworker, Grain I;
- Field Hauler;
- Ginner;
- Hydrosprayer Operator;

### PROGRAMS OF STUDY

- Agricultural Mechanics, General
- Agricultural Power Machinery

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 242 (in 1993)
: 250 (in 1998)

Average annual number of openings from 1993 to 1998: 11
This trend indicates a 3% change.

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **FARM MANAGER**
SOC No. 5522100
DOT No. 180.167-018
GOE Interest Area: 03.01 Managerial Work: Plants and Animals

### DESCRIPTION

Manages farms that produce crops and livestock. May be responsible for many activities, such as raising, harvesting, packing, and marketing the farm's products; or a specific activity such as feeding livestock. May buy equipment and supplies. May oversee operators of several farms.

RELATED EDUCATION PROGRAMS: Agricultural Business and Management; Agricultural Production

EMPLOYERS: Agricultural corporations and cooperatives; Independent farmers; Colleges and universities.

MORE INFORMATION: American Society of Farm Managers and Rural Appraisers; 950 South Cherry St; Suite 106; Denver, CO 80222

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- extreme heat.
- extreme cold.
- damp or wet.
- noise and vibrations.
- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 180.167-018 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupatio (1 = high, 5 = low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- business contact with people.
- directing or organizing, or activities resulting in recognition.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- influencing people.
- dealing with people.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Agricultural Production-Crops
- Agricultural Services
- Agricultural Production-Livestock

### SIMILAR OCCUPATIONS

- Manager, Poultry Hatchery;
- Manager, Fish Hatchery;
- Manager, Dairy Farm;
- Farm Worker Supervisor;

### PROGRAMS OF STUDY

- Animal Nutrition
- Animal Production
- Agricultural Business & Management, General
- Livestock
- Crop Production
- Farm and Ranch Management
- Agronomy
- Agricultural Business
- Agricultural Production, General
- Animal Health
- Agricultural Economics
- Agricultural Sciences, General
- Animal Breeding and Genetics

### EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 7,047 (in 1993)
  : 7,309 (in 1998)

Average annual number of openings from 1993 to 1998: 811
This trend indicates a 4% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **FARMER**
SOC No. 5512000
DOT No. 421.161-010
GOE Interest Area: 03.01 Managerial Work: Plants and Animals

## DESCRIPTION

Operates farm that produces more than one kind of crop. May own the farm or manage it for another owner. Decides the kind and amounts of crops to grow or livestock to breed. Buys equipment and supplies to harvest crop. On dairy, livestock or poultry farms, must feed and care for animals.
RELATED EDUCATION PROGRAMS: Agricultural Business and Management; Agricultural Production.
EMPLOYERS: Self-employed; Agricultural corporations.
MORE INFORMATION: American Farm Bureau Federation; 225 Touhy Ave; Park Ridge, IL 60068

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- dust, fumes, odors, poor ventilation.
- extreme cold.
- risk of injury.
- noise and vibrations.
- damp or wet.
- extreme heat.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- carrying.
- climbing or balancing.
- lifting.
- reaching, handling, fingering, or feeling.
- walking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 421.161-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

VIEW No. 122

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

- The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- decisions based on personal judgment.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed

## SIMILAR OCCUPATIONS

- Livestock Rancher;
- Fish Farmer;
- Farmer, Cash Grain;
- Horticultural Specialist;
- Farm Worker Supervisor;
- Farm Manager;

## PROGRAMS OF STUDY

- Agricultural Economics
- Agricultural Production, General
- Agricultural Business & Management, General
- Agricultural Business
- Agricultural Production, Other
- Crop Production
- Animal Production

## EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 22,134 (in 1993)
: 19,768 (in 1998)

Average annual number of openings from 1993 to 1998: 300
This trend indicates a -1% change.

FLORIDA
# VIEW
Vital Information for Education and Work
Title: **FILE CLERK**
SOC No. 4696000
DOT No. 206.367-010
GOE Interest Area: 07.05 Records Processing

## DESCRIPTION
Files office records accurate, up-to-date, and properly placed in alphabetic or numeric order. Classifies, stores, and locates materials on request. May work as a team member and assist with office work as requested.
RELATED EDUCATION PROGRAMS: General Office Clerk; Clerk-Typist.
EMPLOYERS: Companies that keep records like insurance, business services, health services, banks.
MORE INFORMATION: State Job Service Office.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK
Most of this work tends to be: and will probably involve:
- inside.
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 206.367-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS
INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- repeating set tasks.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Offices of Physicians
- Insurance Agents, Brokers, and Service
- Personnel Supply Services

## SIMILAR OCCUPATIONS
- Library Assistant;
- Records Custodian;
- Classification Clerk;
- Fingerprint Clerk;
- Record Clerk;
- Tape Librarian;

## PROGRAMS OF STUDY
- Typing, General Office, & Related Programs, Other
- Typing, General Office, & Related Programs, General
- Receptionist & Communication Systems Operation
- General Office Clerk

## EDUCATION LEVEL
- High School Graduate.

## AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 14,814 (in 1993)
  : 17,356 (in 1998)

Average annual number of openings from 1993 to 1998: 907
This trend indicates a 17% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: FILM EDITOR**
SOC No. 3312400
DOT No. 962.264-010
GOE Interest Area: 01.01 Literary Arts

### DESCRIPTION

Edits motion picture film, television videotape, and sound tracks. Evaluates and selects scenes for their dramatic and entertainment value and story continuity. Trims film segments to specified lengths and reassembles segments in order.

RELATED EDUCATION PROGRAMS: Radio & TV Production & Broadcasting Technology; Motion Picture Technology; Video Technology;

EMPLOYERS: Motion picture studios; Television stations.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 962.264-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Artistic - includes artistic, musical, and some writing occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with machines, process or techniques.
- abstract and creative work.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- expressing feelings and ideas.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Communications Services, not Elsewhere Classified
- Radio and Television Broadcasting Stations
- Motion Picture Production and Allied Services

### SIMILAR OCCUPATIONS

- Story Editor;
- Script Reader
- Sound Cutter;
- Producer or Director;
- Movie and TV Camera Operator;
- Supervising Film Editor;

### PROGRAMS OF STUDY

- Motion Picture Technology
- Educational Media Technology
- Video Technology
- Visual and Performing Arts, Other
- Radio/Television Production & Broadcasting Technology

### EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

| | | |
|---|---|---|
| • Projected number of employees: | 277 (in 1993) |
| | : | 370 (in 1998) |

Average annual number of openings from 1993 to 1998: 31
This trend indicates a 34% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **FINANCIAL ANALYST, STATISTICAL**
SOC No. 1733208
DOT No. 020.167-014
GOE Interest Area: 11.01 Mathematics and Statistics

## DESCRIPTION

Conducts statistical analyses on investments made by people or businesses. Interprets data about an investment, its' price, what it might be worth in the future and whether or not it is likely to increase in value. May develop charts and graphs on investments to illustrate analysis results.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT this occupation, DOT number 020.167-014 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- scientific or technical work.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- influencing people.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Business Services
- Commercial and Stock Savings
- Security Brokers and Dealers

## SIMILAR OCCUPATIONS

- Statistician;
- Market Research Analyst I;
- Economist or Market Analyst;
- Mathematician

## PROGRAMS OF STUDY

- Banking & Finance

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

| | | |
|---|---|---|
| • Projected number of employees: | 1,199 (in 1993) |
| | : | 1,386 (in 1998) |

Average annual number of openings from 1993 to 1998: 69
This trend indicates a 16% change.

FLORIDA VIEW

**Vital Information for Education and Work**

**Title: FINANCIAL MANAGER**
**SOC No.** 1220200
**DOT No.** 186.117-038
**GOE Interest Area:** 11.05 Business Administration

## DESCRIPTION

Plans, organizes, directs, controls, or coordinates the financial activities of a private company or government agency. May work at a bank, credit card company, credit union, or other financial institution. May advise on credit or investment policies, or negotiate fiscal policy with financial institutions.

RELATED EDUCATION PROGRAMS: Banking and Finance

EMPLOYERS: Banks, Credit agencies, Government agencies, Large Corporations, Military services.

MORE INFORMATION: Financial Executives Institute, 633 3rd Ave, New York, NY 10017; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| - inside. | - no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- hearing.
- speaking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 186.117-038 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(1) Negotiating: Talking over ideas, information, and opinions with others until all agree on solutions.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- business contact with people.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- taking responsibility.
- dealing with people.
- decisions based on facts.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Business Services
- Commercial and Stock Savings
- Non-depository Credit Institutions

## SIMILAR OCCUPATIONS

- Vice-President, Financial Institution
- Treasurer;
- Manager, Credit Union;
- Financial Manager/Off (Mil);
- Controller;

## PROGRAMS OF STUDY

- Financial Services Marketing, General
- Entrepreneurship
- Taxation
- Banking & Finance

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 41,915 (in 1993)
  : 48,134 (in 1998)

Average annual number of openings from 1993 to 1998: 2,788
This trend indicates a 15% change.

VIEW No. 126

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **FIRE FIGHTER**
SOC No. 5123000
DOT No. 373.364-010
GOE Interest Area: 04.02 Security Services

## DESCRIPTION

Detects and puts out fires to protect life and property. Responds to fire alarms and other emergency calls. Uses hoses and ladders, axes, crowbars, and chemicals. Gives first aid to the injured. Cleans fire equipment.

RELATED EDUCATION PROGRAMS: Fire Fighting; Military Services.

EMPLOYERS: Local Fire Departments; Federal and state agencies; Military Services.

MORE INFORMATION: International Assoc. of Fire Fighters; 1750 New York Ave, NW; Washington, D.C. 20006; Military Recruiting office. SPECIAL NOTE** Apprenticeship training available. ** Special Note ** Florida Statute require licensure regulated by the Department of Insurance.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- extreme heat.
- risk of injury.
- damp or wet.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- very heavy - might lift or move 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- stooping, kneeling, crouching, or crawling.
- carrying.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.
- running.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 373.364-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 C. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working to improve social conditions.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- working under stress.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Justice, Public Order and Safety
- Federal Government

## SIMILAR OCCUPATIONS

- Fire Inspector;
- Fire Chief's Aide;
- Smoke Jumper;
- Forest-Fire Fighter;
- Fire Fighter, Crash, Fire and Rescue;
- Fire Fighter/Enl (Mil);

## PROGRAMS OF STUDY

- Firefighting

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 10,763 (in 1993)
  : 12,026 (in 1998)

Average annual number of openings from 1993 to 1998: 323
This trend indicates a 12% change.

FLORIDA
# VIEW

## Vital Information for Education and Work

**Title: FIRE INSPECTOR**
SOC No. 5122100
DOT No. 373.267-010
GOE Interest Area: 11.10 Regulations Enforcement

## DESCRIPTION

Inspects buildings to detect fire hazards. Prepares reports of inspections and may testify in court about findings. Investigates the causes of fires and explosions, and enforces fire laws.
RELATED EDUCATION PROGRAMS: Fire Control and Safety Technology.
EMPLOYERS: State and local governments. Forestry Service.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme heat.
- damp or wet.
- dust, fumes, odors, poor ventilation.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • overtime work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 373.267-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.
- studying people or communicating ideas.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- dealing with people.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Public Finance, Taxation and Monetary Policy

## SIMILAR OCCUPATIONS

- Fire Marshal;
- Fire Warden;
- Fire Investigation Lieutenant;
- Fire-Extinguisher-Sprinkler Inspector

## PROGRAMS OF STUDY

- Fire Control & Safety Technology

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 479 (in 1993) |
| : | 536 (in 1998) |

Average annual number of openings from 1993 to 1998: 24
This trend indicates a 12% change.

VIEW No. 128

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **FIRE LOOKOUT**
SOC No. 5122223
DOT No. 452.367-010
GOE Interest Area: 07.04 Oral Communications

## DESCRIPTION

Observes, locates, and reports forest fires from lookout stations. Observes weather conditions. Locates any fire on a map using an azimuth sighter and known landmarks. Estimates the size and characteristics of the fire. Reports all information to a base camp by radio or telephone. Observes instruments and reports daily weather data. Relays messages about weather to other bases. Keeps a logbook.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition( ) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- climbing or balancing.
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 452.367- 10 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- taking responsibility.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy Justice, Public Order and Safety
- Forestry

## SIMILAR OCCUPATIONS

- Fire Ranger;
- Fire Fighter/Enl (Mil);
- Fire Fighter;
- Fire Inspector;
- Police Detective;
- Fire Warden;
- Fire Investigation Lieutenant;
- Fire-Extinguisher-Sprinkler Inspector

## PROGRAMS OF STUDY

- Forestry & Related Sciences, General
- Conservation & Regulation, General

## EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 259 (in 1993)
  : 288 (in 1998)

Average annual number of openings from 1993 to 1998: 13
This trend indicates a 11% change.

F L O R I D A

# VIEW

## Vital Information for Education and Work

**Title: FISH AND GAME WARDEN**
SOC No. 5134100
DOT No. 379.167-010
GOE Interest Area: 04.01 Safety and Law Enforcement

DESCRIPTION
Patrols assigned areas to prevent game law violations. Investigates reports of damage to crops and property by wildlife. Travels through the area by car, boat, airplane, horse, or on foot. Observes people taking fish and wild game.
RELATED EDUCATION PROGRAMS: Game Farm Management; Wildlife Management
EMPLOYERS: National and state wildlife agencies and park systems.
MORE INFORMATION: Fish and Wildlife Services; 1612 St NW; Washington, D.C. 20240. State Wildlife Agency Personnel Office.

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- risk of injury.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • rotating shift work. |

PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

PRIMARY PHYSICAL ACTIVITIES
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- speaking.
- walking.
- seeing.
- hearing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 379.167-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:
- business contact with people.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.

TEMPERAMENTS - You would like work with:
- decisions based on personal judgment.
- working under stress.
- dealing with people.
- decisions based on facts.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Federal Government
- Public Finance, Taxation and Monetary Policy
- Justice, Public Order and Safety

SIMILAR OCCUPATIONS
- Park Ranger;
- Wildlife Agent;
- Park Naturalist;
- Deputy Sheriff;
- Biologist;

PROGRAMS OF STUDY
- Agricultural Production, General
- Wildlife Management
- Conservation & Regulation, General

EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK
- Projected number of employees: 411 (in 1993)
  : 459 (in 1998)

Average annual number of openings from 1993 to 1998: 24
This trend indicates a 12% change.

VIEW No. 130

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **FLIGHT ATTENDANT**
SOC No. 5257000
DOT No. 352.367-010
GOE Interest Area: 09.01 Hospitality Services

## DESCRIPTION

Greets passengers, verifies their tickets, and helps locate seats. Provides services to insure safety and comfort of airline passengers. Serves meals and beverages. Before the flight, explains the use of safety equipment and checks to see that seat backs are upright and seat belts are fastened.

RELATED EDUCATION PROGRAMS: Flight Attendants; Airlines also have own flight attendant schools.

EMPLOYERS: Commercial Airlines

MORE INFORMATION: Future Aviation Professionals of America; 2491 J Memorial Dr; Decatur, GA 30032; Toll-free number 1-800-jet-jobs.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- pushing or pulling.
- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 352.367-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupatio
(1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- detailed, organized work following set sequence.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- working under stress.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Air Transportation, Nonscheduled
- Air Transportation, Scheduled, and Air Courier Service

## SIMILAR OCCUPATIONS

- Bus Attendant
- Passenger Service Representative;
- Conductor;

## PROGRAMS OF STUDY

- Flight Attendants

## EDUCATION LEVEL

- less than 1 year Comm. Coll. or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 5,304 (in 1993)
  : 5,614 (in 1998)

Average annual number of openings from 1993 to 1998: 112
This trend indicates a 6% change.

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **FLOOR LAYER**
SOC No. 6462214
DOT No. 864.481-010
GOE Interest Area: 05.10 Crafts

### DESCRIPTION

Installs, repairs, and replaces floor and wall coverings such as carpeting, linoleum, vinyl, tile and parquet piece Cleans and prepares the floor to be covered. Measures and cuts the material and padding. Disconnects and removes obstacles such as appliances and light fixtures. Spreads cement on foundation and lays covering following guidelines to keep tile courses straight to match designs. SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 864.481-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Carpeting and Flooring
- Home Furniture and Furnishings Stores

### SIMILA OCCUPATIONS

- Carpet Layer Helper;
- Carpet Installer;
- Floor Covering Layer;

### PROGRAMS OF STUDY

- Floor Covering Installation

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 149 (in 1993)
  : 170 (in 1998)

Average annual number of openings from 1993 to 1998: 7
This trend indicates a 14 change.

VIEW No. 132

FLORIDA VIEW

**Vital Information for Education and Work**

Title: **FOOD COUNTER WORKER**
SOC No. 5216000
DOT No. 311.477-010
GOE Interest Area: 09.04 Customer Services

### DESCRIPTION

Serves food in places that offer fast service or special food delivery. Some work in carry-outs, soda fountains, and cafeterias. Takes food orders, serves food and drinks and may take payments. May serve in hotels or hospitals.
RELATED EDUCATION PROGRAMS: On-the-job training.
EMPLOYERS: Most are coffee shops, fast food restaurants and soda fountains. Some are hospitals and hotels.
MORE INFORMATION: Local Office of the State Job Service.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be:

- inside.

and will probably involve:

- rotating shift work.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 311.477-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- dealing with people.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Elementary and Secondary Schools
- Eating and Drinking Places
- Retail Bakeries

### SIMILAR OCCUPATIONS

- Food Service Worker, Hospital;
- Waiter/Waitress, Room Service;
- Car Hop;
- Cafeteria, Counter Attendant;
- Canteen Operator;
- Fast Food Worker;

### PROGRAMS OF STUDY

- Chef/Cook
- Waiter/Waitress and Related Services
- Food Service
- Food Production, Management, & Services, General

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 18,069 (in 1993)
  : 20,665 (in 1998)

Average annual number of openings from 1993 to 1998: 723
This trend indicates a 14% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: FOOD SERVICE WORKER, HOSPITAL**
SOC No. 5216226
DOT No. 355.677-010
GOE Interest Area: 09.05 Attendant Services

## DESCRIPTION

Prepares patient's food trays from menu cards and carries trays to rooms. Places items such as cutlery, juices, sugar, cream, milk, and butter on trays. Blends foods for soft or liquid diets. Gathers and stacks dirty dishes, cleans work areas, tables, cabinets and ovens. Places garbage in proper containers.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- standing for a long time.
- carrying.
- pushing or pulling.
- reaching, handling, fingering, or feeling.
- seeing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 355.677-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 5 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 6 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- repeating set tasks.
- dealing with people.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Nursing and Personal Care Facilities
- Hotels and Motels
- Hospitals

## SIMILAR OCCUPATIONS

- Food Counter Worker;
- Cook, Institution or Cafeteria;
- Cafeteria, Counter Attendant;
- Food Preparation Worker;
- Fast Food Worker;
- Waiter/Waitress, Room Service;
- Food Service Specialist/Enl (Mil);

## PROGRAMS OF STUDY

- Waiter/Waitress and Related Services
- Chef/Cook

## EDUCATION LEVEL

- no standard educational requirements

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 7,070 (in 1993)
  : 8,430 (in 1998)

Average annual number of openings from 1993 to 1998: 353
This trend indicates a 19% change.

VIEW No. 134

FLORIDA

VIEW

**Vital Information for Education and Work**

Title: **FOOD SERVICES MANAGER**
SOC No. 1351400
DOT No. 187.167-106
GOE Interest Area: 11.11 Business Management

## DESCRIPTION

Manages businesses that serve food such as cafeterias and restaurants. Determines the types and amounts of goods and services to be sold. Hires and supervises staff, plans budgets. Handles customer and worker complaints.
RELATED EDUCATION PROGRAMS: Restaurant Management;
EMPLOYERS: Restaurants; Resorts; Hotels; Schools; Hospitals; Military services; Self-employed
MORE INFORMATION: National Institute for the Food Service Industry; 20 North Wacker Drive, Suite 2620; Chicago, IL 60606; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 187.167-106 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- directing or organizing, or activities resulting in recognition.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- decisions based on facts.
- dealing with people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hotels and Motels
- Eating and Drinking Places
- Self-employed

## SIMILAR OCCUPATIONS

- Manager, Liquor Establishment;
- Executive Chef;
- Manager, Fast Food Services;
- Food Service Manager/Off (Mil);
- Director, Food Services;

## PROGRAMS OF STUDY

- Resort Management
- Hotel/Motel Management
- Restaurant Management
- Institutional Management, Other
- Recreational Enterprises Management
- Food Marketing, Other

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 31,444 (in 1993)
  : 35,093 (in 1998)

Average annual number of openings from 1993 to 1998: 2,167
This trend indicates a 12% change.

FLORIDA VIEW

Vital Information for Education and Work

Title: **FOREST ENGINEER**
SOC No. 1628235
DOT No. 005.167-018
GOE Interest Area: 05.01 Engineering

## DESCRIPTION

**Plans timber cutting, loading and storage areas. Determines the location of loading points and storage areas. Selects methods and equipment to be used in handling logs. Plans the construction of loads for moving logs from the cutting areas to the storage area. Plans and directs the construction of campsite facilities such as loading docks and shelters for sewage systems.**

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • work requiring travel. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

**The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 005.167-018 indicates the following on data, people, and things.**

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 1 S. Spatial Perception
Aptitude 05: 6 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.
- abstract and creative work.

## TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- dealing with people.
- influencing people.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Public Finance, Taxation and Monetary Policy

## SIMILAR OCCUPATIONS

- Forester;
- Forest Ecologist;
- Forester or Conservation Scientist;

## PROGRAMS OF STUDY

- Civil Engineering

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 7,854 (in 1993)
  : 8,877 (in 1998)

Average annual number of openings from 1993 to 1998: 494
This trend indicates a 13% change.

VIEW No. 136

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **FORESTER OR CONSERVATION SCIENTIST**
SOC No. 1852500
DOT No. 040.061-034
GOE Interest Area: 03.01 Managerial Work: Plants and Animals

### DESCRIPTION

Studies forecast conditions and plans ways to ensure that forest resources meet present and future public needs. Develops ways to protect resources against fire, insects, disease, floods, and erosion.

RELATED EDUCATION PROGRAMS: Conservation; Resources Protection and Regulation; Forestry.

EMPLOYERS: State and federal agencies employ most; Other are with private forestry services.

MORE INFORMATION: Society of American Foresters: 5400 Grosvenor Lane; Bethesda, MD 20814

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • work requiring travel. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- hearing.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- walking.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 040.061-034 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- dealing with people.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government
- Justice, Public Order and Safety
- Public Finance, Taxation and Monetary Policy

### SIMILAR OCCUPATIONS

- Wood Technologist;
- Silviculturist;
- Range Manager
- Horticulturist;
- Park Naturalist;

### PROGRAMS OF STUDY

- Conservation & Regulation, General
- Resources Protection and Regulation
- Forestry & Related Sciences, General
- Forestry Science
- Renewable Natural Resources, General
- Forest Management
- Parks & Recreation, General
- Renewable Natural Resources, Other
- Wood Science
- Conservation
- Forest Engineering
- Forestry & Related Sciences, Other

### EDUCATION LEVEL

- Undergraduate Degree.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,295 (in 1993)
  : 1,432 (in 1998)

Average annual number of openings from 1993 to 1998: 53
This trend indicates a 11% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: FORESTRY AND CONSERVATION WORKER**
SOC No. 5720100
DOT No. 452.687-010
GOE Interest Area: 03.04 Elemental Work: Plants and Animals

### DESCRIPTION

Maintains and protects forests and forested areas and woodlands. May protect area by transporting seedlings, and transporting trees. Combats insects, pests, and diseases harmful to trees, shrubs; controls soil erosion.
RELATED EDUCATION PROGRAMS: Forest Production; Conservation; On-the-job training.
EMPLOYERS: Christmas tree farms; US Forest Service; Tree nurseries; Logging and lumber companies.
MORE INFORMATION: American Forestry Association; 1319 18th St NW; Washington, D.C. 20036

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- damp or wet.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • overtime work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- carrying.
- climbing or balancing.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 452.687-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- repeating set tasks.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Forestry
- Federal Government
- Self-employed

### SIMILAR OCCUPATIONS

- Seedling Puller;
- Forester Aide
- Seedling Sorter;
- Tree Planter;
- Christmas Tree Farm Worker;

### PROGRAMS OF STUDY

- Forestry Production & Processing, General
- Forestry & Related Sciences, Other
- Forest Management
- Resources Protection and Regulation
- Forestry Science
- Forestry & Related Sciences, General
- Forest Products Processing Technology
- Renewable Natural Resources, Other
- Renewable Natural Resources, General
- Wood Science
- Conservation
- Forest Production
- Horticulture, General
- Forest Engineering
- Conservation & Regulation, General

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,472 (in 1993)
  : 1,578 (in 1998)

Average annual number of openings from 1993 to 1998: 53
This trend indicates a 7% change.

VIEW No. 138

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **FUNERAL ATTENDANT**
SOC No. 5269100
DOT No. 359.677-014
GOE Interest Area: 09.01 Hospitality Services

DESCRIPTION
Performs a variety of tasks during funeral. Places the casket in the parlor or chapel prior to the service. Sets up floral arrangements or lights around the casket following instruction of the funeral director. Escorts mourners to the chapel. Maintains and stores funeral equipment.
RELATED EDUCATION PROGRAMS: On-the-job training is usually provided. Courses in funeral services are helpful.
EMPLOYERS: Funeral homes

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

PRIMARY PHYSICAL ACTIVITIES
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 359.677-014 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(7) Handling: Moving or carrying things.

HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:
- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on personal judgment.
- dealing with people.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Funeral Service and Crematories

SIMILAR OCCUPATIONS
- Embalmer;
- Pallbearer;
- Cremator;

PROGRAMS OF STUDY
- Funeral Services

EDUCATION LEVEL
- High School Graduate.

AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

FUTURE OUTLOOK
- Projected number of employees: 1,299 (in 1993)
  : 1,433 (in 1998)

Average annual number of openings from 1993 to 1998: 124
This trend indicates a 10% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **FUNERAL DIRECTOR**
SOC No. 1359211
DOT No. 187.167-030
GOE Interest Area: 11.11 Business Management

## DESCRIPTION

Arranges and directs funeral services. Coordinates activities of workers to take body to funeral home to be embalmed. Talks with families about funeral details and plans display of casket as to placement, lighting, flowers, and fixtures. Makes arrangements for cemetery burial. Organizes the funeral procession. Directs plans for out-of-state burial. SPECIAL NOTE** The state of Florida requires a license for this occupation.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • weekend work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 187.167-030 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 1 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- directing or organizing, or activities resulting in recognition.
- working to improve social conditions.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- decisions based on facts.
- dealing with people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Funeral Service and Crematories
- Federal Government

## SIMILAR OCCUPATIONS

- Embalmer;
- Cremator;
- Funeral Attendant;
- Office Manager;
- Pallbearer;
- Morgue Attendant;

## PROGRAMS OF STUDY

- Funeral Services

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,323 (in 1993)
  : 1,459 (in 1998)

Average annual number of openings from 1993 to 1998: 111
This trend indicates a 10% change.

VIEW No. 140

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **FURNACE OPERATOR**
SOC No. 7544300
DOT No. 512.362-014
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Controls furnaces used to refine or strengthen metal or melt ore or metal. Sets controls to the required temperature. Loads metal and observes color and furnace temperature gauge. Removes metal from oven with tongs or mechanical devices.
RELATED EDUCATION PROGRAMS: Foundry Work. On-the-job training.
EMPLOYERS: Most of the jobs for this occupation are the primary metals industry including blast furnaces foundries, and metal heat treating.
MORE INFORMATION: American Society for Metals, Metals Park, OH 44073.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.
- risk of injury.
- extreme heat.
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 512.362-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Industrial and Commercial Equipment
- Electronic Components and Accessories
- Miscellaneous Primary Metal

## SIMILAR OCCUPATIONS

- Oxygen Furnace Operator
- Metal Reclamation Kettle Tender;
- First Helper;
- Furnace Helper;
- Oxygen Furnace Operator;
- Furnace Charger;

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 110 (in 1993) |
| : | 119 (in 1998) |

Average annual number of openings from 1993 to 1998: 5
This trend indicates a 8% change.

FLORIDA VIEW

**Vital Information for Education and Work**

Title: **FURNITURE ASSEMBLER**
SOC No. 7720333
DOT No. 763.684-038
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Puts parts together to make sections, frames or complete articles of furniture. Trims joints to fit. Cleans dust from places to be glued, and then glues parts together. Drills holes and drives screws into parts to hold them in place, using hand tools or power tools. Measures and examines parts to make sure they are correct. Smooth rough and uneven edges. Uses leveling saw to level legs of furniture.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 763.684-038 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- taking responsibility.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Ship and Boat Building and Repairing
- Millwork, Plywood, and Structural Wood Millwork
- Wood Buildings and Mobile Homes

## SIMILAR OCCUPATIONS

- Coil Winder or Taper/Finisher;
- Electric Sign Assembler;
- Frame Writer;
- Assembler, Production;
- Assembler, Bicycle I;
- Machine Assembler;
- Assembler, Product;

## PROGRAMS OF STUDY

- Custom Slipcovering & Upholstering

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 36,010 (in 1993)
  : 40,218 (in 1998)

Average annual number of openings from 1993 to 1998: 1,966
This trend indicates a 12% change.

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **GARDENER OR GROUNDSKEEPER**
SOC No. 5622000
DOT No. 406.684-010
GOE Interest Area: 03.04 Elemental Work: Plants and Animals

### DESCRIPTION

Takes care of lawns, trees, flowers and shrubs in such places as parks, golf courses and cemeteries. Also cares for buildings and equipment. Duties may range from planting trees and moving grass to digging ditches and picking up litter.

RELATED EDUCATION PROGRAMS: Landscaping; Turf Management; On-the-job training.

EMPLOYERS: Lawn and garden services; Private households; Real Estate operators; Large businesses; Self-employed

MORE INFORMATION: American Society for Horticultural Science; 701 N. St; Aspah St; Alexandria, VA 22314

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme heat.
- risk of injury.
- noise and vibrations.
- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- pushing or pulling.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing differences in color.
- seeing.
- walking.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 406.684-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Miscellaneous Amusement and Recreation Services
- Agricultural Services

### SIMILAR OCCUPATIONS

- Landscape Gardener;
- Garden Worker
- Cemetery Worker;
- Lawn Service Worker;
- Greenskeeper;

### PROGRAMS OF STUDY

- Horticulture, General
- Turf Management
- Landscaping

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 81,090 (in 1993)
  : 92,533 (in 1998)

Average annual number of openings from 1993 to 1998: 7,124
This trend indicates a 14% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: GENERAL FARM WORKER**
SOC No. 5612100
DOT No. 421.683-010
GOE Interest Area: 03.04 Elemental Work: Plants and Animals

### DESCRIPTION

Works with hands and many kinds of farm equipment. May drive tractors, trucks or other farm machines. Plants, tends, harvests, and stores crops. Cares for livestock and poultry. Maintains farm machinery. Repairs fences and buildings. May haul livestock or poultry to market.
RELATED EDUCATION PROGRAMS: Agricultural Power Machinery. On-the-job training.
EMPLOYERS: Any kind of farm including poultry, dairy, crop, livestock.
MORE INFORMATION: American Farm Bureau Federation; 225 Touhy Ave; Park Ridge, IL 60068

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- noise and vibrations.
- extreme heat.
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • seasonal work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- pushing or pulling.
- stooping, kneeling crouching, or crawling.
- lifting.
- climbing or balancing.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 421.683-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Unpaid Family Workers
- Agricultural Services
- Agricultural Production-Crops

### SIMILAR OCCUPATIONS

- Farmworker, Diversified Crops;
- Irrigator, Sprinkling System;
- Farmworker, Grain II;
- Harvest Worker, Vegetable;
- Farmworker, Fruit;

### PROGRAMS OF STUDY

- Agricultural Production, General
- Agricultural Mechanics, General
- Agricultural Production, Other

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 83,004 (in 1993)
  : 84,330 (in 1998)

Average annual number of openings from 1993 to 1998: 3,353
This trend indicates a 2% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **GENERAL MANAGER OR CHIEF EXECUTIVE**
SOC No. 1210500
DOT No. 183.117-014
GOE Interest Area: 11.05 Business Administration

### DESCRIPTION

Works as the head of a business, firm, agency or other organization. Plans, organizes and directs the activities of the organization through the department heads. Sets policies and goals, plans budgets and selects staff.

RELATED EDUCATION PROGRAMS: Business Administration; Business Economics; Institutional Management.

EMPLOYERS: Large businesses, Government agencies; Educational systems.

MORE INFORMATION: American Management Association; 135 50th St; New York, NY 10020

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • overtime work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 183.117-014 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(1) Negotiating: Talking over ideas, information, and opinions with others until all agree on solutions.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- decisions based on personal judgment.
- dealing with people.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Business Services
- Grocery Stores
- Eating and Drinking Places

### SIMILAR OCCUPATIONS

- Director, Transportation;
- President, Financial Institution;
- Association Executive;
- Data Processing Manager/Off (Mil);
- Director, Hospital;
- Manager, Department Store;

### PROGRAMS OF STUDY

- Criminal Justice Administration
- Small Business Management & Ownership
- Business and Management, Other
- Institutional Management, Other
- Transportation Management
- Business Economics
- Business Administration & Management, Other
- Product Management
- Business Administration & Management
- Business & Management, General
- International Business Management
- Public Administration
- International Public Service
- Community Services
- Public Affairs, General
- Art Management
- Public Utilities
- Public Transportation
- Public Sanitation

### EDUCATION LEVEL

- Undergraduate Degree.

### AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 206,718 (in 1993)
  : 236,866 (in 1998)

Average annual number of openings from 1993 to 1998: 5,611
This trend indicates a 15% change.

# FLORIDA VIEW

**Vital Information for Education and Work**

**Title: GLAZIER**
SOC No. 6464100
DOT No. 865.381-010
GOE Interest Area: 05.10 Crafts

### DESCRIPTION

Installs glass and mirrors in structures such as windows, doors and display cases. Measures, marks, and cuts the glass to the required shape and size. Secures the glass with materials such as putty and gaskets, Attaches hardware to glass.

RELATED EDUCATION PROGRAMS: Glazing. On-the-job training.

EMPLOYERS: Special trades construction contractor in glass and glazing; Stores that sell glass; Self-employed.

MORE INFORMATION: International Brotherhood of Painters and Allied Trades (AFL-CIO); 1750 New York Ave, N.W; Washington, D.C. 20006 SPECIAL NOTE**Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- extreme heat.
- risk of injury.
- extreme cold.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- lifting.
- climbing or balancing.
- carrying.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 865.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

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### APTITUDES

The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Paint, Glass, and Wallpaper Stores
- Miscellaneous Special Trade Contractors
- Self-employed

### SIMILAR OCCUPATIONS

- Refrigerator Glazier;
- Safety Glass Installer;
- Mirror Installer;
- Glazier, Metal Furniture;
- Glass Installer;

### PROGRAMS OF STUDY

- Glazing

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 4,434 (in 1993)
  : 5,116 (in 1998)

Average annual number of openings from 1993 to 1998: 221
This trend indicates a 15% change.

FLORIDA
VIEW
Vital Information for Education and Work

Title: **GRADER AND DOZER OPERATOR**
SOC No. 8317000
DOT No. 850.663-022
GOE Interest Area: 05.11 Equipment Operation

## DESCRIPTION

Operates machines equipped with blades to remove, spread, level and grade earth. Bulldozers, trench excavators, and road graders are used in the construction industry and road construction for State and Local government.

RELATED EDUCATION PROGRAMS: Construction Equipment Operation; On-the-job training.

EMPLOYERS: Heavy construction contractors; Excavation and foundation contractors, Coal mines; Military.

MORE INFORMATION: Associated Builders and Contractors, 729 15th St NW; Washington, D.C. 20005

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- dust, fumes, odors, poor ventilation.
- risk of injury.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- outside.
- irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- pushing or pulling.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 850.663-022 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Highway and Street Construction, Ex. Elevated Highways
- Miscellaneous Special Trade Contractors
- Heavy Construction, Ex. Highways and Streets

## SIMILAR OCCUPATIONS

- Boat-Hoist Operator;
- Elevating Grader Operator;
- Ditcher Operator;
- Construction Equipment Operator/ Enl (Mil)
- Scraper Operator;
- Derrick Worker, Well Service;
- Hydraulic-Boom Operator;
- Motor Grader Operator;

## PROGRAMS OF STUDY

- Construction Equipment Operation

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 5,642 (in 1993)
  : 6,238 (in 1998)

Average annual number of openings from 1993 to 1998: 287
This trend indicates a 11% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **GRAPHIC ARTS TECHNICIAN**
SOC No. 7643313
DOT No. 979.382-018
GOE Interest Area: 01.06 Craft Arts

### DESCRIPTION

Operates machine to type master copies for line copy reproduction. Reproduces and assembles graphic art materials. Sets up and operates various type cameras to produce negatives. Develops negatives and covers bad spots or errors. Tends machines that assemble pages of printed matter in numerical order. Cuts, sews and glues parts to form books. Keeps machinery and equipment in working order.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be:
- inside.

and will probably involve:
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 979.382-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- abstract and creative work.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Newspapers: Publishing or Printing
- Service Industries for the Printing Trade
- Periodicals: Publishing or Printing

### SIMILAR OCCUPATIONS

- Cartoonist;
- Illustrator;
- Printing Press Operator or Setter;
- Graphic Designer;
- Illustrator, Medical and Scientific;

### PROGRAMS OF STUDY

- Graphic & Printing Communications, General

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 237 (in 1993)
  : 282 (in 1998)

Average annual number of openings from 1993 to 1998: 15
This trend indicates a 19% change.

FLORIDA
# VIEW
**Vital Information for Education and Work**

Title: **GRINDER OR POLISHER, HAND**
SOC No. 7758100
DOT No. 705.684-058
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION

Grinds and polishes products or parts by hand to smooth them or remove defects. Uses grinding wheels, sandpaper, and polishing stones. May repair defects in molds, polish plastic eye implants or grind watch parts.
RELATED EDUCATION PROGRAMS: On-the-job training.
EMPLOYERS: Primary metals processing plants; Makers of fabricated metal products and transportation equipment.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.
- dust, fumes, odors, poor ventilation.
- risk of injury.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- rotating shift work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 705.684-058 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Fabricated Structural Metal Products
- Ship and Boat Building and Repairing
- Motor Vehicles and Equipment

## SIMILAR OCCUPATIONS

- Valve Grinder
- Glass Polisher;
- Grinder-Chipper I;
- Stone Polisher, Hand;
- Glass Grinder

## PROGRAMS OF STUDY

- Metal Fabrication

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,747 (in 1993)
: 1,952 (in 1998)

Average annual number of openings from 1993 to 1998: 164
This trend indicates a 12% change.

FLORIDA
VIEW
**Vital Information for Education and Work**

**Title: GRINDING AND BUFFING MACHINE TOOL SETTER**
SOC No. 7322100
DOT No. 603.280-030
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Sets up and operates machines that grind, smooth and sharpen metal objects. Follows blueprints or job orders to select the proper grinder or polisher. Secures workpiece on spindle of grinder. Must be knowledgeable of abrasive and metal properties.

RELATED EDUCATION PROGRAMS: Machine Tool Operator/Machine Shop. On-the-job training.

EMPLOYERS: Machinery manufacturers; Transportation equipment companies. Factories that make metal products.

MORE INFORMATION: The National Tooling and Machining Association; 9 00 Livingston Road; Ft. Washington, MD 20744

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 603.280-030 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Metalworking Machinery and Equipment
- Aircraft and Parts
- Jewelry, Silverware, and Plated Ware

## SIMILAR OCCUPATIONS

- Forging Press Operator I;
- Honing Machine Set-Up Operator;
- Buffing Machine Operator;
- Lapping Machine Set-Up Operator;
- Polishing Machine Operator;

## PROGRAMS OF STUDY

- Machine Tool Operation/Machine Shop

## EDUCATION LEVEL

- 11 to 13 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,284 [illegible] :
  : 1,451 (in 1998)

Average annual number of openings from 1993 to 1998: 86
This trend indicates a 13% change.

VIEW No. 150

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **GUIDANCE COUNSELOR**
SOC No. 2400410
DOT No. 045.107-010
GOE Interest Area: 10.01 Social Services

### DESCRIPTION

Provides students with advice on educational matters, including class scheduling, vocational planning and career counseling. Collects, organizes and analyses information about students through records, tests, interviews and from other professional staff. Helps students to understand and overcome social and emotional problems. May teach classes.

RELATED EDUCATION PROGRAMS: Student Counseling and Personnel Services.

EMPLOYERS: Most work in education. Others work for social service agencies and state and local governments.

MORE INFORMATION: American Association for Counseling and Development; 5999 Stevensons Avenue; Alexandria, VA 22304

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 045.107-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(0) Mentoring: Helping people deal with problems. May give legal, scientific, clinical, spiritual, or other professional advice.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS - You would like:

- studying people or communicating ideas.
- working to improve social conditions.
- directing or organizing, or activities resulting in recognition.
- abstract and creative work.

### TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- decisions based on personal judgment.
- dealing with people.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Job Training and Vocational Rehabilitation Services
- Elementary and Secondary Schools
- Justice, Public Order and Safety

### SIMILAR OCCUPATIONS

- School Psychologist;
- Career Guidance Technician (N/E);
- Director of Guidance;
- Social Worker, School;
- Vocational Rehabilitation Counselor;
- Job Development Specialist;

### PROGRAMS OF STUDY

- Student Counseling & Personnel Services
- School Psychology

### EDUCATION LEVEL

- 5 or more years University.

### AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 6623 (in 1993)
  : 7459 (in 1998)

Average annual number of openings from 1993 to 1998: 354
This trend indicates a 13% change.

FLORIDA
# VIEW

## Vital Information for Education and Work

Title: GUIDE
SOC No. 5255200
DOT No. 353.367-010
GOE Interest Area: 09.01 Hospitality Services

### DESCRIPTION

Escorts individuals or groups on trips, cruises, tours, hunting or fishing trips, etc. Others escort people around a city or on tours through museums and other places of interest. May make travel arrangements.

RELATED EDUCATION PROGRAMS: Outdoor Recreation; Marketing of Recreational Services; Tourism; On-the-job training.

EMPLOYERS: Travel and tour agencies; Museums and art galleries. Vacation resorts.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- walking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 353.367-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- dealing with people.
- decisions based on personal judgment.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Amusement and Recreation Services
- Arrangement of Passenger Transportation
- Self-employed

### SIMILAR OCCUPATIONS

- Escort;
- Sightseeing Guide;
- Plant Guide;
- Hunting and Fishing Guide;
- Page;

### PROGRAMS OF STUDY

- Tourism
- Hospitality & Recreation Marketing, General

### EDUCATION LEVEL

- no standard educational requirements

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,623 (in 1993)
  : 1,887 (in 1998)

Average annual number of openings from 1993 to 1998: 114
This trend indicates a 16% change.

FLORIDA
**VIEW**

**Vital Information for Education and Work**

Title: **HAND CUTTER OR TRIMMER**
SOC No. 7753100
DOT No. 781.687-070
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION

Uses handtools and hand-held power tools to cut and trim articles. Works with a variety of material. May cut grooves in stone, cut mirror glass or trim hat brims. May follow layout sheets and use measuring devices.

RELATED EDUCATION PROGRAMS: On-the-job training.

EMPLOYERS: Makers of apparel and textile products, furniture, and rubber and plastic products.

MORE INFORMATION: Local Office of the State Job Service.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 781.687-070 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Household Furniture
- Women's, Misses', and Juniors' Outerwear
- Miscellaneous Plastics Products

## SIMILAR OCCUPATIONS

- Glass Cutter, Hand;
- Meat, Poultry and Fish Cutter;
- Gold Cutter;
- Rug Cutter;
- Portable Machine Cutter;
- Sail Cutter;

## PROGRAMS OF STUDY

- Glazing

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,770 (in 1993)
: 1,891 (in 1998)

Average annual number of openings from 1993 to 1998: 80
This trend indicates a 7% change.

FLORIDA
# VIEW
## Vital Information for Education and Work
Title: **HAND PRESSER**
SOC No. 7759100
DOT No. 363.684-018
GOE Interest Area: 06.04 Elemental Work: Industrial

### DESCRIPTION
Presses drapes and knit goods, or delicate textiles, such as lace, to remove wrinkles, flatten seams, and give shape to articles. Places article on ironing board, adjusts temperature of iron and pulls iron over surface. May press leather goods.

RELATED EDUCATION PROGRAMS: Clothing Maintenance Aide. On-the-job training.

MORE INFORMATION: America Apparel Manufacturers Association; 2500 Wilson Blvd; Suite 301; Arlington, VA 22200

### THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- risk of injury.
- extreme heat.

### LOCATION AND HOURS OF WORK
Most of this work tends to be: and will probably involve:
- inside.
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 363.684-018 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS
INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Laundry, Cleaning, and Garment Services
- Miscellaneous Fabricated Textile Products
- Women's, Misses', and Juniors' Outerwear

### SIMILAR OCCUPATIONS
- Blocker;
- Glove Former;
- Leather Finisher;
- Press Machine Operator;
- Flatwork Finisher;
- Silk Finisher

### PROGRAMS OF STUDY
- Clothing & Apparel Production & Services, General
- Drycleaning & Laundering Services, General

### EDUCATION LEVEL
- 8 to 11 years education.

### AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK
- Projected number of employees: 806 (in 1993)
  : 818 (in 1998)

Average annual number of openings from 1993 to 1998: 28
This trend indicates a 1% change.

VIEW No. 154

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **HARD TILE SETTER**
SOC No. 6414100
DOT No. 861.381-054
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Applies ceramic tile to walls, floors, and ceilings. Arranges tile and then lays the tile, using cement or paste. Must first tack a mesh support to the surface, then mix and spread the cement, apply grout and tap tile in place.
RELATED EDUCATION PROGRAMS: Tile Setting. On-the-job training.
EMPLOYERS: Special trades construction contractors in tile setting and floor laying; Self-employed.
MORE INFORMATION: International Union of Bricklayers and Allied Craftsmen; International Masonry Institute Apprenticeship and Training; 815 15th St, NW; Washington, D.C. 20005 SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 861.381-054 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Masonry, Stonework, Tile Setting and Plastering
- Self-employed
- Carpeting and Flooring

## SIMILAR OCCUPATIONS

- Soft-Tile Setter;
- Marble Finisher;
- Tile Finisher
- Terrazzo Finisher;

## PROGRAMS OF STUDY

- Brickmasonry, Stonemasonry, & Tile Setting, General
- Tile Setting

## EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,945 (in 1993)
  : 3,292 (in 1998)

Average annual number of openings from 1993 to 1998: 125
This trend indicates a 12% change.

FLORIDA
# VIEW
Vital Information for Education and Work

**Title: HEAT TREATING EQUIPMENT OPERATOR**
SOC No. 7544100
DOT No. 504.382-014
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Operates or tends machines, such as furnaces, baths, and flame hardening machines, to harden, or heat-treat metal products. Determines temperature and time of heating cycle. Adjusts controls and loads and removes parts.
RELATED EDUCATION PROGRAMS: Machine Tool Operation/Machine Shop. On-the-job training.
EMPLOYERS: Manufacturers of metals and metal products, transportation equipment and machinery.
MORE INFORMATION: The National Tooling and Machining Association; 9300 Livingston Rd; Ft. Washington, MD 20744

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- dust, fumes, odors, poor ventilation.
- extreme heat.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 504.382-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

VIEW No. 156

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Ordnance and Accessories, Except Vehicles and Guided Missiles
- Rolling, Drawing, and Extruding of Nonferrous Metals
- Aircraft and Parts

## SIMILAR OCCUPATIONS

- Flame Hardening Machine Operator;
- Hardener;
- Annealer;
- Induction Machine Operator;
- Temperer;

## PROGRAMS OF STUDY

- Machine Tool Operation/Machine Shop

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 90 (in 1993)
  : 99 (in 1998)

Average annual number of openings from 1993 to 1998: 5
This trend indicates a 10% change.

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **HEATING, AIR-CONDITIONING, AND REFRIGERATION MECHANIC**
SOC No. 6160100
DOT No. 637.261-014
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Installs, maintains and repairs equipment used to heat and cool buildings and to store food, drugs and other items that can spoil. May install and repair oil burners, hot-air furnaces, heating stoves, and similar equipment in homes and businesses. May specialize in central air conditioning systems.

RELATED EDUCATION PROGRAMS: Air Conditioning and Refrigeration; Cooling and Refrigeration; Heating and Air Conditioning. Military services.

EMPLOYERS: Heating and cooling contractors; Fuel and ice dealers; Self-employed.

MORE INFORMATION: Air-conditioning and Refrigeration Institute, 1501 Wilson Blvd, Arlington VA 22209.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- noise and vibrations.
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • weekend work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- climbing or balancing.
- carrying.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 637.261-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Electrical Repair Shops
- Plumbing, Heating, and Air-conditioning

### SIMILAR OCCUPATIONS

- Evaporative-Cooler Installer;
- Air and Hydronic Balancing Technician
- Solar Energy System Installer;
- Heating and Cooling Mechanic/Enl (Mil);
- Oil-Burner Servicer and Installer;

### PROGRAMS OF STUDY

- Cooling & Refrigeration
- Heating, Air Conditioning, & Refrigeration, General
- Solar Heating & Cooling Technology
- Heating & Air Conditioning
- Air Conditioning, Heating, Refrigeration Technology

### EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 21363 (in 1993)
  : 24324 (in 1998)

Average annual number of openings from 1993 to 1998: 1063
This trend indicates a 14% change.

F L O R I D A
# VIEW
**Vital Information for Education and Work**

Title: **HEAVY EQUIPMENT MECHANIC**
SOC No. 6117100
DOT No. 620.261-022
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION
Repairs and maintains heavy mechanical vehicles used in construction, logging and surface mining. Bulldozers, cranes, and conveyors are inspected for malfunctions. Uses meters and gauges to examine excessive wear; uses hydraulics to raise and lower movable parts for repairs or replacements.

RELATED EDUCATION PROGRAMS: Heavy Equipment Maintenance and Repair. Military.

EMPLOYERS: Highway and heavy construction contractors; Wholesale heavy equipment dealers; Department of Defense.

MORE INFORMATION: Motor and Equipment Manufacturers' Assoc., Technical Training Council; 222 Cedar Lane; Teaneck, NJ 07666

**SPECIAL NOTE** Apprenticeship Training Available.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- carrying.
- lifting.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing differences in color.
- hearing.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 620.261-022 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

VIEW No. 158

## APTITUDES
The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:
- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Machinery, Equipment and Supplies
- Highway and Street Construction, Ex. Elevated Highways
- Heavy Construction, Ex. Highways and Streets

## SIMILAR OCCUPATIONS
- Farm Equipment Mechanic;
- Heavy Equipment Mechanic/Enl (Mil);
- Endless Track Vehicle Mechanic;
- Construction Equipment Mechanic;
- Logging Equipment Mechanic;

## PROGRAMS OF STUDY
- Heavy Equipment Maintenance & Repair
- Industrial Equipment Maintenance & Repair, General

## EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE
- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 7,580 (in 1993)
  : 8,629 (in 1998)

Average annual number of openings from 1993 to 1998: 414
This trend indicates a 14% change.

FLORIDA

VIEW

**Vital Information for Education and Work**

**Title: HEAVY TRUCK DRIVER**
SOC No. 8213000
DOT No. 905.663-014
GOE Interest Area: 05.08 Land and Water Vehicle Operation

## DESCRIPTION

Drives tractor-trailer or truck with capacity of more than 3 tons. Transports and delivers goods, livestock or materials. May be required to unload truck. Often on the road for many days. Checks and secures loads for safety.

RELATED EDUCATION PROGRAMS: Truck and Bus Driving, On-the-job training. Usually requires chauffeur's license.

EMPLOYERS: Trucking companies, Businesses that deliver goods; Self-employed; Military Services.

MORE INFORMATION: American Trucking Assoc.; 2200 Mill Rd; Alexandria, VA 22314; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- carrying.
- lifting.
- sitting for along time.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 905.663-014 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- repeating set tasks.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Concrete, Gypsum, and Plaster Products
- Trucking and Courier Services, Except Air
- Self-Employed

## SIMILAR OCCUPATIONS

- Concrete Mixing Truck Driver;
- Dump Truck Driver;
- Tractor-Trailer Truck Driver;
- Tank Truck Driver;
- Truck Driver/Enl (Mil);
- Van Driver;

## PROGRAMS OF STUDY

- Truck & Bus Driving

## EDUCATION LEVEL

- 9 to 12 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 60,439 (in 1993)
  : 67,332 (in 1998)

Average annual number of openings from 1993 to 1998: 2,905
This trend indicates a 11% change.

F L O R I D A
VIEW
**Vital Information for Education and Work**

**Title: HIGHWAY MAINTENANCE WORKER**
SOC No. 6479100
DOT No. 899.684-014
GOE Interest Area: 05.12 Elemental Work: Mechanical

### DESCRIPTION

Keeps highways, roads, runways, and rights-of-way in safe condition. Duties include erecting and repairing guardrail, or highway markers, patching broken or eroded pavement. Uses a variety of tools such as posthole digger, shovel and ax. May clear bushes or plant trees on highway median strips.
RELATED EDUCATION PROGRAMS: On-the-job training.
EMPLOYERS: State and local governments; Street maintenance contractors.
MORE INFORMATION: Local and State Highway Maintenance Agencies; Local Job Service Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- extreme cold.
- risk of injury.
- extreme heat.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- outside.
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- stooping, kneeling, crouching, or crawling.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 899.684-014 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- repeating set tasks.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Justice, Public Order and Safety

### SIMILAR OCCUPATIONS

- Track Repairer;
- Maintenance Worker, Municipal;
- Highway Maintenance Supervisor;
- Laborer, Airport Maintenance;

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 4,721 (in 1993)
  : 5,284 (in 1998)

Average annual number of openings from 1993 to 1998: 210
This trend indicates a 12% change.

VIEW No. 160

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **HOIST AND WINCH OPERATOR**
SOC No. 8314100
DOT No. 921.667-018
GOE Interest Area: 05.11 Equipment Operation

## DESCRIPTION

Operates hoists or winches to lift and move loads using power operated cable equipment. Works in a variety of settings and may move equipment, people, logs or materials. Moves levers to control equipment. May listen for signals or watch dials to position loads. May clean equipment.

RELATED EDUCATION PROGRAMS: Construction Equipment Operation. On-the-job training.

EMPLOYERS: Logging camps; Construction companies; Railroad, trucking, mining and oil companies.

MORE INFORMATION: Association of Builders and Contractors; 729 15th St NW, Washington, D.C. 20005

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.
- extreme cold.
- extreme heat.

## LOCATION AND HOURS OF WORK

Most of this work tends to be:
- outside.

and will probably involve:
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 921.667-018 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Business Services
- Personnel Supply Services
- Water Transportation Service

## SIMILAR OCCUPATIONS

- Yarding Engineer;
- Scraper-Loader Operator;
- Hydraulic-Boom Operator;
- Boat-Hoist Operator;
- Well Puller;

## PROGRAMS OF STUDY

- Construction Equipment Operation

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 754 (in 1993)
  : 866 (in 1998)

Average annual number of openings from 1993 to 1998: 75
This trend indicates a 15% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **HOME HEALTH AIDE (N/E)**
SOC No. 5236300
DOT No. 354.377-014
GOE Interest Area: 10.03 Child and Adult Care

### DESCRIPTION

Cares for elderly, convalescent, or handicapped persons in their homes. Changes bed linens. Washes and irons the patient's clothes. Cleans their rooms. Helps them into and out of bed or a wheelchair. May help with simple exercises.
RELATED EDUCATION PROGRAMS: Home Health Aide; Homemaker's Aide
EMPLOYERS: Nursing services; Government agencies; Private employment agencies; Private households.
MORE INFORMATION: Foundation for Hospice and Homecare, 519 C St. NE, Washington, D.C. 20002

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- carrying.
- lifting.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.
- walking.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 354.377-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- business contact with people.
- working to improve social conditions.
- studying people or communicating ideas.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- dealing with people.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Health Related Services, not Elsewhere Classified
- Personnel Supply Services
- Residential Care

### SIMILAR OCCUPATIONS

- Nurse Aide or Orderly;
- Personal Attendant;
- Geriatric Nurse Assistant (N/E);
- Home Health Technician;

### PROGRAMS OF STUDY

- Community Health Work
- Nursing-Related Services, Other
- Mental Health/Human Services Technology
- Home Health Aide
- Institutional, Home Management, Supporting Services
- Nursing Assisting

### EDUCATION LEVEL

- less than 1 year Comm. Coll. or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 16,823 (in 1993)
  : 21,386 (in 1998)

Average annual number of openings from 1993 to 1998: 2,122
This trend indicates a 27% change.

VIEW No. 162

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **HOST OR HOSTESS**
SOC No. 5211100
DOT No. 310.137-010
GOE Interest Area: 09.01 Hospitality Services

### DESCRIPTION

Greets guests arriving at an eating establishment or social function. Leads the guests to their tables or other areas. Gives directions to staff engaged in serving food and refreshments. May provide menu and suggest special menu items to guests. May schedule dining reservations, or special functions.
RELATED EDUCATION PROGRAMS: Waiter/Waitress and Related Services; On-the-job training.
EMPLOYERS: Eating and drinking places; Amusement and recreation facilities.
MORE INFORMATION: National Institute for the Food Service Industry; 20 N. Wacker Dr; Suite 2620; Chicago, IL 60606

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- speaking.
- walking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 310.137-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(3) Supervising: Directing workers by giving orders and explaining duties. Making sure they do the work on time. Helping everyone work together.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- business contact with people.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- taking responsibility.
- dealing with people.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Eating and Drinking Places
- Miscellaneous Amusement and Recreation Services
- Hotels and Motels

### SIMILAR OCCUPATIONS

- Waiter or Waitress;
- Steward/Stewardess;
- Head Waiter/Waitress;
- Pastry Chef;

### PROGRAMS OF STUDY

- Hospitality & Recreation Marketing, General
- Waiter/Waitress and Related Services

### EDUCATION LEVEL

- 9 to 12 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 13,176 (in 1993)
  : 15,304 (in 1998)

Average annual number of openings from 1993 to 1998: 991
This trend indicates a 16% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **HOTEL OR MOTEL DESK CLERK**
SOC No. 4643000
DOT No. 238.362-010
GOE Interest Area: 07.04 Oral Communications

## DESCRIPTION

Registers guests and assigns rooms in hotels, motels, resorts and other lodging places. Issues keys, takes and gives messages, keeps records of rooms occupied and guest accounts. Makes reservations. Presents bills and collects payments. May use a computer to keep record of information.
RELATED EDUCATION PROGRAMS: Hotel/Motel Management, On-the-job training.
EMPLOYERS: Hotels; Motels; Inns; Resorts; Military Services.
MORE INFORMATION: American Hotel and Motel Assoc; 888 7th Ave; New York, NY 10019; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 238.362-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Camps and Recreational Vehicle Parks
- Self-employed
- Hotels and Motels

## SIMILAR OCCUPATIONS

- Lodging Specialist/Enl (Mil);
- Registrar;
- Reservation and Ticket Agent;
- Scheduler;
- Tourist Information Assistant;

## PROGRAMS OF STUDY

- Hotel/Motel Management
- Marketing of Hotel/Motel Services

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 10,377 (in 1993)
  : 11,695 (in 1998)

Average annual number of openings from 1993 to 1998: 1,190
This trend indicates a 13% change.

VIEW No. 164

Title: **HOUSEKEEPER, INSTITUTIONAL**
SOC No. 5241100
DOT No. 321.137-010
GOE Interest Area: 05.12 Elemental Work: Mechanical

## DESCRIPTION

Supervises workers engaged in cleaning and maintaining hotels, schools, and other commercial establishments. Hires, trains and assigns duties to workers. Orders and issues supplies. Plans work shifts, inspects completed work and keeps time records.

RELATED EDUCATION PROGRAMS: Custodial Services; Executive Housekeeping.

EMPLOYERS: Hospitals; Nursing Homes; Cleaning services.

MORE INFORMATION: Service Employees; International Union; 1313 L St, NW; Washington, D.C. 20005

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.
- seeing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 321.137-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(3) Supervising: Directing workers by giving orders and explaining duties. Making sure they do the work on time. Helping everyone work together.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- directing or organizing, or activities resulting in recognition.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hotels and Motels
- Hospitals
- Services to Dwellings and Other Buildings

## SIMILAR OCCUPATIONS

- Supervisor, Housecleaner;
- Superintendent, Service;
- Supervisor, Janitorial Services;

## PROGRAMS OF STUDY

- Miscellaneous Allied Health Services, Other
- Hospitality & Recreation Marketing, Other
- Institutional, Home Management, Supporting Services

## EDUCATION LEVEL

- no standard educational requirements

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 12,337 (in 1993)
  : 14,422 (in 1998)

Average annual number of openings from 1993 to 1998: 1,877
This trend indicates a 17% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **INDUSTRIAL ENGINEERING TECHNICIAN**
SOC No. 3712000
DOT No. 012.267-010
GOE Interest Area: 05.03 Engineering Technology

## DESCRIPTION

Helps industrial engineers plan the best uses of workers, materials, and machines to produce goods. Studies and records time, motion, and speed of workers. Prepares layouts of machinery, materials, and equipment for greatest possible efficiency.

RELATED EDUCATION PROGRAMS: Industrial Technology

EMPLOYERS: Large manufacturing plants; Engineering consulting firms; Government agencies.

MORE INFORMATION: Institute of Industrial Engineers, Inc; 35 Technology Park; Atlanta/Norcross, GA 30062

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 012.267-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government
- Public Finance, Taxation and Monetary Policy
- Electric Services

## SIMILAR OCCUPATIONS

- Industrial Engineer;
- Production Planner;
- Material Scheduler;
- Systems Researcher or Analyst (N/E);

## PROGRAMS OF STUDY

- Industrial Technology
- Construction Trades, Other

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,560 (in 1993)
  : 1,733 (in 1998)

Average annual number of openings from 1993 to 1998: 74
This trend indicates a 11% change.

VIEW No. 166

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **INDUSTRIAL MACHINERY MECHANIC**
SOC No. 6130200
DOT No. 638.281-014
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Installs, repairs and services industrial machinery. Keeps machines and parts well oiled, greased, and cleaned. Regularly inspects machinery and checks performance. Uses tools such as micrometers, calipers, and depth gauges to measure and align parts. Keeps complete and up-to-date maintenance records.

RELATED EDUCATION PROGRAMS: Industrial Machinery Maintenance and Repair.

EMPLOYERS: Most are manufacturers of all different kinds of products. Some work for utility and sanitation systems.

MORE INFORMATION: International Union of Electronic, Electrical, Technical, Salaried and Machine Workers; 1126 16th St. NW; Washington, D.C. 20036

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- dust, fumes, odors, poor ventilation.
- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • overtime work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Water Supply
- Electric Services

### SIMILAR OCCUPATIONS

- Composing Room Machinist;
- Marine Engine Mechanic/Enl (Mil);
- Machinist;
- Conveyor-Maintenance Mechanic;
- Powerhouse Mechanic/Enl (Mil);
- Millwright;

### PROGRAMS OF STUDY

- Industrial Equipment Maintenance & Repair, General
- Water & Wastewater Technology

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 2,882 (in 1993)
  : 3,218 (in 1998)

Average annual number of openings from 1993 to 1998: 169
This trend indicates a 12% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

**Title: INDUSTRIAL PRODUCTION MANAGER**
SOC No. 1320300
DOT No. 189.117-022
GOE Interest Area: 05.02 Managerial Work: Mechanical

## DESCRIPTION

**Plans and directs production activities in plants and factories.** Determines work procedures, schedule of workers and number of workers necessary to meet production needs. Oversees quality control and inventory control. Coordinates activities with other departments such as purchasing, engineering or sales.

RELATED EDUCATION PROGRAMS: Industrial Technology; Product Management.

EMPLOYERS: Manufacturers of transportation equipment, food processing plants, petroleum plants. Printers or publishers.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- hearing.
- speaking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 189.117-022 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(1) Negotiating: Talking over ideas, information, and opinions with others until all agree on solutions.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- directing or organizing, or activities resulting in recognition.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Concrete, Gypsum, and Plaster Products
- Commercial Printing
- Communication Equipment

## SIMILAR OCCUPATIONS

- Manager, Branch;
- Maintenance Superintendent;
- Food Processing Plant Manager;
- General Supervisor;
- Production Superintendent;

## PROGRAMS OF STUDY

- Product Management
- Business & Management, General
- Business Administration & Management
- Business Administration & Management, Other
- Public Affairs, General
- Contract Management & Procurement/Purchasing
- Public Utilities
- Public Transportation
- Small Business Management & Ownership
- Arts Management
- Transportation Management
- Community Services
- Public Sanitation
- Criminal Justice Administration
- Industrial Technology
- Business and Management, Other
- International Public Service
- Public Administration
- International Business Management

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 7465 (in 1993)
  : 8278 (in 1998)

Average annual number of openings from 1993 to 1998: 503
This trend indicates a 11% change.

VIEW No. 168

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **INDUSTRIAL TRUCK OR TRACTOR OPERATOR**
SOC No. 8318100
DOT No. 921.683-050
GOE Interest Area: 05.11 Equipment Operation

## DESCRIPTION
Moves materials using industrial trucks or tractors equipped with fork lifts, trailer hitches, or elevated platforms. May move materials in a warehouse, storage yard, or construction site. Adjusts controls which move the attachments.
RELATED EDUCATION PROGRAMS: Material Handling. On-the-job training.
EMPLOYERS: This occupation is found in many industries. Some of the largest include trucking and warehousing, food product plants and fabricated metal plants.
MORE INFORMATION: Industrial Truck Association; 1750 K St, NW; Suite 210; Washington, D.C. 20006

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- dust, fumes, odors, poor ventilation.
- risk of injury.
- noise and vibrations.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- pushing or pulling.
- reaching, handling, fingering, or feeling.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 921.683-050 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

## HOLLAND TYPES
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS
INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Personnel Supply Services
- Trucking and Courier Services, Except Air
- Public Finance, Taxation and Monetary Policy

## SIMILAR OCCUPATIONS
- Straddle-Truck Operator;
- Front-End Loader Operator;
- Larry Operator;
- Hot-Car Operator;
- Transfer-Car Operator;

## PROGRAMS OF STUDY
- Truck & Bus Driving
- Vehicle & Equipment Operation, Other

## EDUCATION LEVEL
- 8 to 11 years education.

## AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 17,400 (in 1993)
  : 19,568 (in 1998)

Average annual number of openings from 1993 to 1998: 798
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **INSTRUMENT MAKER**
SOC No. 6813205
DOT No. 600.280-010
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Builds, changes or repairs machine instruments or assemblies. Measures and marks stock such as silver, nickel, or steel following blueprints or sketches. Sets up and uses machine tools such as lathes and drill presses. Coats assembled instruments with protective finish. Installs wiring and electrical components to specifications.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside
- rotating shift work.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 600.280-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Laboratory Equip.: Analytical & Optical, Regulating Instruments
- Optical Instruments and Lenses
- Surgical, Medical, Dental Instruments & Supplies

### SIMILAR OCCUPATIONS

- Pattern and Model Maker, Metal;
- Tool Machine Set-Up Operator;
- Tool and Die Maker;
- Machinist;

### PROGRAMS OF STUDY

- Electromechanical, Hydraulic, & Pneumatic Repair

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 83 (in 1993)
  : 100 (in 1998)

Average annual number of openings from 1993 to 1998: 7
This trend indicates a 20% change.

VIEW No. 170

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **INSULATION WORKER**
SOC No. 6465100
DOT No. 863.364-014
GOE Interest Area: 05.10 Crafts

### DESCRIPTION

**Fills walls, floors, and ceilings with insulation materials to help keep buildings at a comfortable temperature. May paste, wire, tape, or spray the installation onto or between surfaces. Uses trowel brushes, and staple guns.**

RELATED EDUCATION PROGRAMS: Insulation installation.

EMPLOYERS: Special trades construction contractors doing insulation and weatherproofing.

MORE INFORMATION: National Insulation Contractors' Assoc; 1025 Vermont Ave, NW; Suite 410; Washington, D.C. 20005 **SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- dust, fumes, odors, poor ventilation.
- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- lifting.
- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 863.364-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupatio
(1=high, 5=low):

| Aptitude | Level | Aptitude name |
|---|---|---|
| Aptitude 01: | 3 | G. General Learning Ability |
| Aptitude 02: | 4 | V. Verbal Aptitude |
| Aptitude 03: | 4 | N. Numerical Aptitude |
| Aptitude 04: | 3 | S. Spatial Perception |
| Aptitude 05: | 3 | P. Form Perception |
| Aptitude 06: | 4 | Q. Clerical Perception |
| Aptitude 07: | 3 | K. Eye-Hand Coordination |
| Aptitude 08: | 3 | F. Finger Dexterity |
| Aptitude 09: | 3 | M. Manual Dexterity |

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Special Trade Contractors
- Roofing and Sheet Metal Work
- Masonry, Stonework, Tile Setting and Plastering

### SIMILAR OCCUPATIONS

- Insulation-Power-Unit-Tender;
- Pipe Coverer and Insulator;
- Cork Insulator, Refrigeration;
- Blower Insulator;

### PROGRAMS OF STUDY

- Insulation Installation

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 5197 (in 1993) |
| : | 5849 (in 1998) |

Average annual number of openings from 1993 to 1998: 197
This trend indicates a 13% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **INSURANCE ADJUSTER**
SOC No. 4782100
DOT No. 241.217-010
GOE Interest Area: 11.12 Contracts and Claims

### DESCRIPTION

Studies insurance claims to see whether clients' policies cover them for particular losses. Also determines the amount of loss suffered by clients. Uses reports, physical evidence, and witnesses' reports to investigate claims.

RELATED EDUCATION PROGRAMS: Insurance Marketing.

EMPLOYERS: Most work for major insurance carriers and insurance agents. Some work for the federal government.

MORE INFORMATION: Insurance Information Institute; 110 William St; New York, NY 10038. ** Special Note** Florida statute require licensure regulated by the Department of Insurance.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 241.217-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(1) Negotiating: Talking over ideas, information, and opinions with others until all agree on solutions.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- studying people or communicating ideas.

### TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Insurance Agents, Brokers, and Service
- Fire, Marine, and Casualty Insurance
- Life Insurance

### SIMILAR OCCUPATIONS

- Appraiser, Automobile Damage;
- Investigator, Any Industry;
- Insurance Adjuster;
- Insurance Claim Clerk;

### PROGRAMS OF STUDY

- Insurance & Risk Management
- Insurance Marketing, General

### EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 7,553 (in 1993) |
| : | 8,542 (in 1998) |

Average annual number of openings from 1993 to 1998: 347
This trend indicates a 13% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: INSURANCE CLAIM CLERK**
SOC No. 4782200
DOT No. 241.362-010
GOE Interest Area: 07.05 Records Processing

## DESCRIPTION

Reviews insurance claim and obtains claims information from client for purposes of processing with insurance carrier. Reviews insurance policy to determine coverage. Calculates amount claim. Sends claims to carrier for payment or more investigation.

RELATED EDUCATION PROGRAMS: Insurance Clerk.

EMPLOYERS: Most are insurance carriers and insurance agents; The Federal Government employs the rest.

MORE INFORMATION: Insurance Information Institute; 110 William St; New York, NY 10038.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 241.362-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Offices of Physicians
- Fire, Marine, and Casualty Insurance
- Insurance Agents, Brokers, and Service

## SIMILAR OCCUPATIONS

- Reinsurance Clerk;
- Underwriting Clerk;
- Reviewer;
- Cancellation Clerk;
- Insurance Checker;
- Insurance Policy Processing Clerk;

## PROGRAMS OF STUDY

- Typing, General Office, & Related Programs, General
- Insurance Marketing, General

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 5,335 (in 1993)
  : 6,077 (in 1998)

Average annual number of openings from 1993 to 1998: 254
This trend indicates a 14% change.

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **INSURANCE CLAIM EXAMINER**
SOC No. 1473100
DOT No. 168.267-014
GOE Interest Area: 07.02 Mathematical Detail

### DESCRIPTION

Reviews settled insurance claims to determine that payments and settlements have been made in accordance with company practices and insures that adjusters have followed proper methods. Reports irregularities. Confers with legal counsel.
RELATED EDUCATION PROGRAMS: Insurance Marketing
EMPLOYERS: Insurance companies
MORE INFORMATION: Insurance Information Institute; 110 William St; New York, NY 10038 ** Special Note ** Florida Statute requires licensure regulated by the Department of Insurance.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be:
- inside.

and will probably involve:
- irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 168.267-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- studying people or communicating ideas.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Life Insurance
- Fire, Marine, and Casualty Insurance
- Insurance Agents, Brokers, and Service

### SIMILAR OCCUPATIONS

- Insurance Claim Clerk;
- Appraiser, Automobile Damage;
- Insurance Adjuster;

### PROGRAMS OF STUDY

- Insurance Marketing, General
- Insurance & Risk Management

### EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 992 (in 1993)
  : 1,119 (in 1998)

Average annual number of openings from 1993 to 1998: 75
This trend indicates a 13% change.

FLORIDA
# VIEW

**Vital Information for Education and Work**
Title: **INSURANCE POLICY PROCESSING CLERK**
SOC No. 4699100
DOT No. 219.387-014
GOE Interest Area: 07.05 Records Processing

## DESCRIPTION

Processes applications for insurance, reinstatement or cancellation of insurance policies. May also collect information from the client as required by the insurance company. May use a computer to enter new information or retrieve existing information on clients and policies.
RELATED EDUCATION PROGRAMS: Insurance Clerk.
EMPLOYERS: Major insurance carriers; Insurance agents.
MORE INFORMATION: Insurance Information Institute; 110 William St; New York, NY 10038.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 219.387-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- studying people or communicating ideas.
- detailed, organized work following set sequence.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Fire, Marine, and Casualty Insurance
- Life Insurance
- Insurance Agents, Brokers, and Service

## SIMILAR OCCUPATIONS

- Underwriting Clerk;
- Policy-Change Clerk;
- Special Certificate Dictator;
- Cancellation Clerk;
- Revival Clerk
- Insurance Checker;

## PROGRAMS OF STUDY

- Typing, General Office, & Related Programs, General
- Insurance Marketing, General

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 9532 (in 1993)
  : 10829 (in 1998)

Average annual number of openings from 1993 to 1998: 617
This trend indicates a 14% change.

# FLORIDA VIEW

## Vital Information for Education and Work

**Title: INSURANCE SALES AGENT**
SOC No. 4122000
DOT No. 250.257-010
GOE Interest Area: 08.01 Sales Technology

### DESCRIPTION

Sells or advises clients on life, automobile, homeowners' and other types of insurance. May work as an independent insurance broker or may be employed by an insurance company. May use a computer to maintain client files, keep track of changes in clients' policies, or prepare reports.

RELATED EDUCATION PROGRAMS: Insurance Marketing; On-the-job training. License required.

EMPLOYERS: Insurance brokers and agencies; Self-employed.

MORE INFORMATION: Insurance Information Institute; 110 William St; New York, NY 10038.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 250.257-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(5) Persuading: Winning others over to a product, service, or point of view.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- business contact with people.
- working with things, numbers or objects.
- studying people or communicating ideas.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- influencing people.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Life Insurance
- Self-employed
- Insurance Agents, Brokers, and Service

### SIMILAR OCCUPATIONS

- Placer;
- Securities and Financial Services Sales
- Insurance Claim Examiner;

### PROGRAMS OF STUDY

- Insurance Marketing, General
- Insurance & Risk Management

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 29,186 (in 1993)
  : 31,806 (in 1998)

Average annual number of openings from 1993 to 1998: 1,820
This trend indicates a 9% change.

VIEW No. 176

FLORIDA
VIEW
Vital Information for Education and Work

Title: **INTERIOR DESIGNER**
SOC No. 3220600
DOT No. 142.051-014
GOE Interest Area: 01.02 Visual Arts

DESCRIPTION

Plans, designs and arranges interiors and furnishings for homes, offices, or commercial buildings. Develops designs for interior, lighting, furniture, floor and window coverings and presents ideas to customers. May specialize in designing spaces accessible to elderly or people with disabilities.

RELATED EDUCATION PROGRAMS: Interior Design; Home Decorating.

EMPLOYERS: Interior design services; Large department stores; Furniture stores.

MORE INFORMATION: American Society of Interior Designers; 1430 Broadway; New York, NY 10018

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

Most of this work tends to be:
- inside.

and will probably involve:
- irregular hours.

PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 142.051-014 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(5) Persuading: Winning others over to a product, service, or point of view.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Artistic - includes artistic, musical, and some writing occupations.
Social - includes teaching and social welfare occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- business contact with people.
- studying people or communicating ideas.
- working on or producing things.
- abstract and creative work.

TEMPERAMENTS - You would like work with:
- taking responsibility.
- decisions based on personal judgment.
- dealing with people.
- influencing people.
- expressing feelings and ideas.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Miscellaneous Business Services
- Self-employed
- Home Furniture and Furnishing Stores

SIMILAR OCCUPATIONS
- Art Director, Professional
- Furniture Designer;
- Exhibit Designer;
- Display Designer;
- Set Designer;

PROGRAMS OF STUDY
- Interior Design
- Home Furnishings, & Equip. Mgmt., Production, & Services

EDUCATION LEVEL
- Undergraduate Degree.

AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK
- Projected number of employees: 7,723 (in 1993)
  : 9,032 (in 1998)

Average annual number of openings from 1993 to 1998: 630
This trend indicates a 17% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **JANITOR OR MAID OR CLEANER**
SOC No. 5242100
DOT No. 382.664-010
GOE Interest Area: 05.12 Elemental Work: Mechanical

## DESCRIPTION

Maids clean rooms in hotels, offices, and other such places. They deliver laundry, make beds and replace soiled items. Janitors and cleaners make sure buildings are safe and clean. They fix leaky faucets, empty trash and make minor repairs.
RELATED EDUCATION PROGRAMS: Custodial Services; Executive Housekeeping; On-the-job training.
EMPLOYERS: Employed in most industries; Largest include cleaning services, schools, hospitals, hotels; Self-employed.
MORE INFORMATION: Service Employee's International Union; 1313 St. NW; Washington, D.C. 20005

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- damp or wet.
- dust, fumes, odors, poor ventilation.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- carrying.
- standing for a long time.
- lifting.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 382.664-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

VIEW No. 178

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- repeating set tasks.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Services to Dwellings and Other Buildings
- Elementary and Secondary Schools
- Religious Organizations

## SIMILAR OCCUPATIONS

- Cleaner, Commercial or Institutional;
- Cleaner, Laboratory Equipment;
- Cleaner, Hospital;
- Cleaner, Industrial;

## PROGRAMS OF STUDY

- Institutional, Home Management, Supporting Services

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 107,304 (in 1993)
  : 125,024 (in 1998)

Average annual number of openings from 1993 to 1998: 1,954
This trend indicates a 17% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **JEWELER OR SILVERSMITH**
SOC No. 6822100
DOT No. 700.281-010
GOE Interest Area: 01.06 Craft Arts

DESCRIPTION

Jeweler makes and repairs articles of jewelry. Cuts, files, solders and polishes items using handtools and polishing wheel. Silversmith makes and repairs silverware such as tea sets and trays by soldering, and shaping silver.

RELATED EDUCATION PROGRAMS: Jewelry Designs; Fabrication; and Repair.

EMPLOYERS: Jewelry manufacturers; Jewelry repair shops.

MORE INFORMATION: Jewelers of America; Time-Life Building; Suite 650; 1271 Avenue of the Americas; New York, NY 10020 SPECIAL NOTE** Apprenticeship training available.

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 700.281-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Miscellaneous Shopping Goods Stores
- Self-employed
- Jewelry, Silverware, and Plated Ware

SIMILAR OCCUPATIONS
- Locket Maker;
- Chain Maker, Hand;
- Ring Maker;
- Pewterer;
- Sample Maker I;
- Hammersmith;

PROGRAMS OF STUDY
- Jewelry Design, Fabrication, & Repair

EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

AVERAGE BEGINNING WAGE
- $17,000 to $21,999 per year (up to $11.22 per hour).

FUTURE OUTLOOK
- Projected number of employees: 2,941 (in 1993)
  : 3,385 (in 1998)

Average annual number of openings from 1993 to 1998: 244
This trend indicates a 15% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **JOB PRINTER**
SOC No. 6841200
DOT No. 973.381-018
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Sets type according to copy and operates cylinder or automatic platen press to print job order. Checks proof and corrects imperfections. Often works in small establishments where work combines several skills.
MORE INFORMATION: Education Council of the Graphics Arts Industry; 4615 Forbes Ave; Pittsburgh, PA 15213

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 973.381-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Newspapers: Publishing or Printing
- Commercial Printing
- Blanketbooks, Looseleaf Binders, and Bookbinding

### SIMILAR OCCUPATIONS

- Compositor;
- Make-Up Arranger;
- Proofsheet Corrector;
- Printer;

### PROGRAMS OF STUDY

- Graphic & Printing Communications, General
- Word Processing
- Printing Press Operations

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 592 (in 1993)
  : 673 (in 1998)

Average annual number of openings from 1993 to 1998: 40
This trend indicates a 14% change.

VIEW No. 180

FLORIDA
VIEW

## Vital Information for Education and Work

Title: **JUDGE**
SOC No. 2120200
DOT No. 111.107-010
GOE Interest Area: 11.04 Law

### DESCRIPTION

Presides over courts of law and holds official hearings to settle legal disputes. Listens to cases, examines evidence, advises the lawyers and juries, and sets fines or sentences. Decides the verdict in some cases.
RELATED EDUCATION PROGRAMS: Law.
EMPLOYERS: Local, state and federal courts
MORE INFORMATION: American Bar Association; Information Services; 750 N Lake Shore Dr; Chicago, IL 60611.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- work requiring travel.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- speaking.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 111.107-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(0) Mentoring: Helping people deal with problems. May give legal, scientific, clinical, spiritual, or other professional advice.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- working to improve social conditions.
- directing or organizing, or activities resulting in recognition.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- influencing people.
- decisions based on personal judgment.
- dealing with people.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Federal Government
- Justice, Public Order and Safety

### SIMILAR OCCUPATIONS

- Hearing Officer;
- Lawyer;
- District Attorney;
- Magistrate;
- Appeals Referee;
- Arbitrator;

### PROGRAMS OF STUDY

- Law
- Law, Other

### EDUCATION LEVEL

- 5 or more years University.

### AVERAGE BEGINNING WAGE

- $50.000 and above per year (above $25.51 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 866 (in 1993)
  : 964 (in 1998)

Average annual number of openings from 1993 to 1998: 85
This trend indicates a 11% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **LABORATORY CLERK**
SOC No. 4759235
DOT No. 222.587-026
GOE Interest Area: 05.09 Material Control

## DESCRIPTION

Keeps records of chemicals, equipment and samples that are received for testing in a laboratory. Weighs chemical supplies and prepares them for shipping. Cleans glassware and other laboratory equipment. Salvages sample bottles or containers for reuse. Returns unused chemicals to cabinets and cleans up the work area.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 222.587-026 indicates the following on data, people, and things.

(5) Copying: Writing, listing, or entering numbers or letters exactly as seen.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 5 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Miscellaneous Business Services
- Hospitals

## SIMILAR OCCUPATIONS

- Aircraft-Log- Clerk;
- Laboratory Tester;
- Medical or Clinical Laboratory Technician

## PROGRAMS OF STUDY

- Warehouse Services Marketing

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 3,970 (in 1993)
  : 4,562 (in 1998)

Average annual number of openings from 1993 to 1998: 269
This trend indicates a 15% change.

VIEW No. 182

FLORIDA
VIEW

**Vital Information for Education and Work**

Title: **LANDSCAPE ARCHITECT**
SOC No. 1610200
DOT No. 001.061-018
GOE Interest Area: 05.01 Engineering

### DESCRIPTION

Plans and designs land areas for parks, airports, highways, residential sites and schools. Analyzes data on location, soil, vegetation, and rock features. Prepares site plans, working drawings, and cost estimates for clients.

RELATED EDUCATION PROGRAMS: Landscape Architecture. License required.

EMPLOYERS: Engineering, architectural and surveying firms; Landscaping and horticultural services.

MORE INFORMATION: American Society of Landscape Architects; 1733 Connecticut Ave., NW Washington, D.C. 20009.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 001.061-018 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Artistic - includes artistic, musical, and some writing occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 1 S. Spatial Perception
Aptitude 05: 1 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- scientific or technical work.
- studying people or communicating ideas.
- abstract and creative work.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- dealing with people.
- influencing people.
- decisions based on personal judgment.
- expressing feelings and ideas.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Federal Government
- Self-employed Authors, Lecturers, Radio Commentators

### SIMILAR OCCUPATIONS

- Landscape Contractor;
- Landscape Gardener;
- Land Surveyor
- Architect;
- Drafter, Landscape;

### PROGRAMS OF STUDY

- Landscape Architecture

### EDUCATION LEVEL

- 5 or more years University.

### AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 204 (in 1993)
  : 232 (in 1998)

Average annual number of openings from 1993 to 1998: 14
This trend indicates a 14% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **LATHE AND TURNING MACHINE SET-UP OPERATOR**
SOC No. 7312100
DOT No. 604.280-010
GOE Interest Area: 06.01 Production Technology

## DESCRIPTION

Sets up and operates lathes and other machines to shape parts from metal workpieces. Reads blueprints and layout sheets to determine machines needed. Uses handtools to install required attachments. Checks position and moves controls.

RELATED EDUCATION PROGRAMS: Machine Tool Operation/Machine shop. On-the-job training.

EMPLOYERS: Makers of fabricated metal products, non-electrical machinery and transportation equipment.

MORE INFORMATION: The National Tooling and Machine Assoc, 9300 Livingston Rd, Ft. Washington, MD 20744

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVTIIES

- lifting.
- standing for a long time.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 604.280-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Industrial and Commercial Equipment
- Aircraft and Parts
- Screw Machine Products, Bolts, Nuts, Screws, Rivets & Washers

## SIMILAR OCCUPATIONS

- Setter, Automatic Spinning Lathe;
- Engine Lathe Set-Up Operator;
- Brake-Drum-Lathe Operator;
- Milling Machine Operator;
- Screw Machine Set-Up Operator, Multiple
- Turret Lathe Set-Up Operator;

## PROGRAMS OF STUDY

- information not available

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1510 (in 1993)
  : 1707 (in 1998)

Average annual number of openings from 1993 to 1998: 71
This trend indicates a 13% change.

VIEW No. 184

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **LATHER**
SOC No. 6424205
DOT No. 842.361-010
GOE Interest Area: 05.10 Crafts

### DESCRIPTION

Installs metal or gypsum lath (narrow support strips) to walls, ceilings and partitions of building to provide a supporting base for plaster, cement, fireproof, or acoustical material. Checks the leveling of the building. Cuts lath to fit framework, opening and projections. Wires, nails, screws, or staples lath into position for the plaster. Installs metal casings around openings, metal window stools, and metal trim.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include :
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- pushing or pulling.
- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- standing for a long time.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 842.361-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Masonry, Stonework, Tile Setting and Plastering
- Self-employed
- Concrete Work

### SIMILAR OCCUPATIONS

- Plasterer or Stucco Mason;
- Drywall Finisher/Topper;
- Drywall Installer;
- Sheetrock Applicator;

### PROGRAMS OF STUDY

- Carpentry

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 928 (in 1993)
  : 1,040 (in 1998)

Average annual number of openings from 1993 to 1998: 30
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **LAUNDRY AND DRYCLEANING MACHINE OPERATOR**
SOC No. 7658100
DOT No. 362.682-010
GOE Interest Area: 06.04 Elemental Work: Industrial

### DESCRIPTION

Operates or tends machines that launder, dye or dryclean clothing, rugs, and linens. May operate one of several machines. Loads machine sets controls and adds soap and bleach. May spot-clean items or wash delicate fabrics by hand.
RELATED EDUCATION PROGRAMS: Dry Cleaning and laundering Services. On-the-job training.
EMPLOYERS: Laundry and drycleaners; Hotels; Nursing homes and hospitals.
MORE INFORMATION: Local Office of the State Job Service.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- damp or wet.
- noise and vibrations.
- extreme heat.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- standing for a long time.
- stooping, kneeling, crouching, or crawling.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 362.682-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- many changing duties.
- decisions based on personal judgment.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hotels and Motels
- Laundry, Cleaning, and Garment Services
- Self-employed

### SIMILAR OCCUPATIONS

- Dry Cleaner;
- Spotter;
- Rug Cleaner, Machine;
- Leather Cleaner;
- Fur Cleaner, Machine;
- Laundry Worker I;

### PROGRAMS OF STUDY

- Drycleaning & Laundering Services, General

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 12,549 (in 1993)
  : 14,168 (in 1998)

Average annual number of openings from 1993 to 1998: 1,038
This trend indicates a 13% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **LAWYER**
SOC No. 2110000
DOT No. 110.107-010
GOE Interest Area: 11.04 Law

## DESCRIPTION

Advises individuals and businesses on legal matters. Consults with clients to determine details of the problem, advises them of their legal rights and suggests action. Studies and interprets laws. Conducts lawsuits. Drafts legal papers and represents clients. May specialize in criminal, patent or corporate law.

RELATED EDUCATION PROGRAMS: Law; License Required; Must pass state bar exam.

EMPLOYERS: Self-employed; Law firms; Government agencies; Large corporations;

MORE INFORMATION: American Bar Assoc; 750 N Lake Shope Dr; Chicago, IL 60611; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- hearing.
- speaking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 110.107-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(0) Mentoring: Helping people deal with problems. May give legal, scientific, clinical, spiritual, or other professional advice.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.
- abstract and creative work.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- dealing with people.
- decisions based on personal judgment.
- influencing people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Legal Services, Total
- Self-employed
- Justice, Public Order and Safety

## SIMILAR OCCUPATIONS

- Lawyer/Off (Mil);
- Real Estate Attorney;
- Criminal Lawyer;
- Tax Attorney;
- District Attorney;
- Corporate Lawyer;

## PROGRAMS OF STUDY

- Law, Other
- Law

## EDUCATION LEVEL

- 5 or more years University.

## AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 33,458 (in 1993)
  : 37,077 (in 1998)

Average annual number of openings from 1993 to 1998: 2,367
This trend indicates a 11% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **LAYOUT WORKER I, MACHINE SHOP**
SOC No. 6821205
DOT No. 600.281-018
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Lays out, marks, and cuts metal to make patterns or parts for metal products. Studies blueprint, model or other specifications and plans layout. Verifies requirements such as dimensions and squareness. Uses math or product knowledge to figure out the size of the finished product. Inspects machined parts to verify conformance to specifications.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 600.281-018 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

VIEW No. 188

### INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Industrial and Commercial Equipment
- Fabricated Structural Metal Products
- Coating, Engraving, and Allied Services

### SIMILAR OCCUPATIONS

- Shipfitter;
- Pattern and Model Maker, Metal;
- Sheet Metal Worker;
- Molding or Casting Machine Operator

### PROGRAMS OF STUDY

- Machine Tool Operation/Machine Shop

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 643 (in 1993)
  : 707 (in 1998)

Average annual number of openings from 1993 to 1998: 26
This trend indicates a 10% change.

FLORIDA
VIEW
Vital Information for Education and Work
Title: **LEGAL SECRETARY**
SOC No. 4622000
DOT No. 201.362-010
GOE Interest Area: 07.01 Administrative Detail

## DESCRIPTION

Prepares legal papers and correspondence such as summonses, complaints, motions and subpoenas. Is familiar with legal terminology, procedures and documents. May review legal publications. May set appointments for, and work under direct supervision of attorney. May use a computer to prepare correspondence.

RELATED TRAINING: Secretarial; Legal Secretarial.

EMPLOYERS: Private and corporate law offices; Government agencies.

MORE INFORMATION: National Association of Legal Secretaries, 3005 East Skelly Dr., Tulsa, OK 74105.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 201.362-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on personal judgment.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Legal Services, Total
- Land Subdividers and Developers

## SIMILAR OCCUPATIONS

- Legal Technician (N/E);
- Court Reporter;
- Title Examiner or Searcher;
- Identification Technician;
- Court Clerk;

## PROGRAMS OF STUDY

- Legal Secretarial
- Secretarial

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 23,121 (in 1993)
  : 27,312 (in 1998)

Average annual number of openings from 1993 to 1998: 1,577
This trend indicates a 18% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **LEGAL TECHNICIAN (N/E)**
SOC No. 3960000
DOT No. 119.267-026
GOE Interest Area: 11.04 Law

### DESCRIPTION

Assists lawyers and others in the legal field. Searches for public records and prepares lists or summaries of legal documents. Helps lawyers prepare drafts of legal documents such as briefs, wills, contracts, sworn statements. Also called Legal Assistant and Paralegal Assistant.

RELATED TRAINING: Legal Assisting; Military services.

EMPLOYERS: Private law firms; Government agencies; Insurance carriers; Military services.

MORE INFORMATION: Standing Committee on Legal Assistants, AM Bar Assoc., 750 N Lake Shore Dr, Chicago, Il 60611. Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • overtime work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 119.267-026 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- scientific or technical work.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Self-employed
- Legal Services, Total

### SIMILAR OCCUPATIONS

- Compliance and Enforcement Inspector;
- Legal Technician/Enl (Mil);
- Legal Investigator;
- Legal Secretary;
- Abstractor;
- Claim Examiner;

### PROGRAMS OF STUDY

- Legal Assisting

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 6,075 (in 1993)
  : 7,148 (in 1998)

Average annual number of openings from 1993 to 1998: 463
This trend indicates a 18% change.

VIEW No. 190

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **LEGISLATIVE ASSISTANT**
SOC No. 1139215
DOT No. 169.167-066
GOE Interest Area: 11.05 Business Administration

### DESCRIPTION

Assists legislator in preparation of proposed legislation. Directs research into subjects of proposed laws. Develops first draft of bill and studies pending legislation. Speaks with lobbyists, voters and members of the press on behalf of the legislator.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- hearing.
- speaking.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 169.167-066 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 1 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- working to improve social conditions.
- studying people or communicating ideas.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- dealing with people.
- influencing people.
- decisions based on personal judgment.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Colleges, Universities, Professional Schools, and Junior Colleges
- Public Finance, Taxation and Monetary Policy
- Guided Missiles and Space Vehicles and Parts

### SIMILAR OCCUPATIONS

- Administrative Assistant;
- Attache/Off (Mil);
- Public Safety and Corrections Manager
- Administrative Support Specialist/Enl (Mil)
- Administrative Services Manager;

### PROGRAMS OF STUDY

- Business Administration & Management, Other

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 19,223 (in 1993)
  : 21,706 (in 1998)

Average annual number of openings from 1993 to 1998: 1,051
This trend indicates a 13% change.

VIEW No. 191

**Title: LETTERPRESS SETTER OR SET-UP OPERATOR**
SOC No. 7443200
DOT No. 651.362-010
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

**Sets up, or sets up and operates,** direct relief letterpress, either sheet or roll fed, to produce single or multicolored printed material according to specifications. Also cleans, inspects, and oils the moving parts of the press.

RELATED EDUCATION PROGRAMS: Printing Press Operations. Technological changes require retaining.

EMPLOYERS: Commercial printers; Newspaper publishing companies,

MORE INFORMATION: Graphic Communications International Union; 1900 L St, NW; Washington, D.C. 20036

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- carrying.
- standing for a long time.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 651.362-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

- The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Blanketbooks, Looseleaf Binders, and Bookbinding
- Commercial Printing
- Newspapers: Publishing or Printing

## SIMILAR OCCUPATIONS

- Cylinder Press Operator;
- Tab Card Press Operator;
- Web Press Operator;
- Platen-Press Operator;

## PROGRAMS OF STUDY

- Printing Press Operations
- Graphic & Printing Communications, General

## EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

• Projected number of employees: 1,388 (in 1993)
: 1,588 (in 1998)

Average annual number of openings from 1993 to 1998: 88
This trend indicates a 14% change.

VIEW No. 192

FLORIDA

VIEW

Vital Information for Education and Work

Title: **LIBRARIAN**
SOC No. 2510100
DOT No. 100.127-014
GOE Interest Area: 11.02 Educational and Library Services

## DESCRIPTION

Makes information available to people in libraries. Selects, orders, catalogs, and takes care of library materials. Also helps people find information they need. May supervise staff, prepare budgets, and handle special collections.

RELATED EDUCATION PROGRAMS: Library Science. Certification may be required.

EMPLOYERS: School libraries; Colleges and universities; Public and special libraries.

MORE INFORMATION: American Library Association; 50 E. Huron St; Chicago, IL 60611

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 100.127-014 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- dealing with people.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Colleges, Universities, Professional Schools, and Junior Colleges
- Public Finance, Taxation and Monetary Policy
- Elementary and Secondary Schools

## SIMILAR OCCUPATIONS

- Music Librarian;
- Audiovisual Librarian;
- Library Consultant;
- Bookmobile Librarian;
- Chief Librarian, Branch or Department
- Acquisitions Librarian;

## PROGRAMS OF STUDY

- Library & Archival Sciences, General
- Library Science, General
- Library & Archival Sciences, Other

## EDUCATION LEVEL

- 5 or more years University.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 5,610 (in 1993)
  : 6,254 (in 1998)

Average annual number of openings from 1993 to 1998: 442
This trend indicates a 11% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **LIBRARY ASSISTANT**
SOC No. 4694100
DOT No. 249.367-046
GOE Interest Area: 11.02 Educational and Library Services

## DESCRIPTION

**Sorts and shelves books, receives and classifies library materials such as pictures, books, magazines, records, and videotapes. Issues library cards to patrons and assists them in finding materials. May work on a bookmobile. May use a computer to keep track of library materials.**

RELATED EDUCATION PROGRAMS: Library Assisting.
EMPLOYERS: Libraries in schools and colleges; Public Libraries.
MORE INFORMATION: American Library Association; Office for Library Personnel Resources; 50 East Huron St; Chicago, IL 60611.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 249.367-046 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Colleges, Universities, Professional Schools, and Junior Colleges
- Elementary and Secondary Schools
- Public Finance, Taxation and Monetary Policy

## SIMILAR OCCUPATIONS

- Page, Library
- Bookmobile Driver;
- Library Clerk, Talking Books;

## PROGRAMS OF STUDY

- Library Assisting

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 3,808 (in 1993)
  : 4,260 (in 1998)

Average annual number of openings from 1993 to 1998: 261
This trend indicates a 12% change

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **LIBRARY TECHNICIAN**
SOC No. 3990500
DOT No. 100.367-018
GOE Interest Area: 11.02 Educational and Library Services

## DESCRIPTION

Assists librarians by preparing or organizing library information. Answers questions regarding card catalog and helps library users find information. May catalog books or video materials. May maintain or operate video equipment. May use a computer to search for library materials.

RELATED EDUCATION PROGRAMS: Library Assisting.

EMPLOYERS: Schools; Colleges; Universities; Public libraries.

MORE INFORMATION: Council on Library/Media Technicians; Cuyahoga Community College 2900 Community College Ave; Cleveland, Ohio 44115

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 100.367-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- detailed, organized work following set sequence.
- business contact with people.
- working with things, numbers or objects.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- dealing with people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Colleges, Universities, Professional Schools, and Junior Colleges
- Elementary and Secondary Schools
- Public Finance, Taxation and Monetary Policy

## SIMILAR OCCUPATIONS

- Classifier;
- Library Assistant;
- Bibliographer
- Catalog Librarian;

## PROGRAMS OF STUDY

- Library Assisting

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,435 (in 1993)
  : 2,728 (in 1998)

Average annual number of openings from 1993 to 1998: 195
This trend indicates a 12% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

**Title: LICENSE CLERK**
SOC No. 4787000
DOT No. 205.367-034
GOE Interest Area: 07.04 Oral Communications

## DESCRIPTION

Issues licenses and permits to qualified applicants. Give tests to see if applicants meet requirements. May issue driver's, liquor, marriage or other licenses. Questions applicants and records information. Collects fees.
RELATED EDUCATION PROGRAMS: General Office Clerk. On-the-job training.
EMPLOYERS: Federal, state and local licensing agencies.
MORE INFORMATION: Local State Job Service Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 205.367-034 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Public Finance, Taxation and Monetary Policy

## SIMILAR OCCUPATIONS

- Dog Licenser;
- New Accounts Clerk;
- Identification Clerk;
- Agent Licensing Clerk;

## PROGRAMS OF STUDY

- Typing, General Office, & Related Programs, General
- General Office Clerk
- Receptionist & Communication Systems Operation

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,153 (in 1993)
  : 2,409 (in 1998)

Average annual number of openings from 1993 to 1998: 132
This trend indicates a 12% change.

VIEW No. 196

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **LICENSED PRACTICAL NURSE**
SOC No. 3660000
DOT No. 079.374-014
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

### DESCRIPTION

Takes and records a patient's temperature, pulse, respiration and blood pressure. Applies dressings and compresses, ice bags, and hot water bottles. Observes patients and reports their condition and reactions to doctors and nurse may serve food; feed, bathe and dress patients. Changes bed linens and cleans hospital rooms.

RELATED TRAINING: Practical nursing. License required.

EMPLOYERS: Military care facilities; Health care services.

MORE INFORMATION: National Federation of Licensed Practical Nurses, Inc, PO Box 11038, Durham, NC 27703. Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- stooping, kneeling, crouching, or crawling.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.
- walking.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 079.374-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- studying people or communicating ideas.
- working to improve social conditions.
- scientific or technical work.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- working under stress.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Personnel Supply Services
- Nursing and Personal Care Facilities
- Hospitals

### SIMILAR OCCUPATIONS

- First-Aid Attendant;
- Psychiatric Technician (N/E);
- Practical Nurse;
- Nurse Aide or Orderly;
- Child Care Attendant, School;

### PROGRAMS OF STUDY

- Practical Nursing

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 47,655 (in 1993)
  : 58,244 (in 1998)

Average annual number of openings from 1993 to 1998: 4,220
This trend indicates a 22% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: LIGHT TRUCK DRIVER**
SOC No. 8214000
DOT No. 906.683-022
GOE Interest Area: 05.08 Land and Water Vehicle Operation

### DESCRIPTION

Drives truck with capacity under 3 tons to transport a variety of materials. Delivers and picks up merchandise. Loads and unloads truck. Keeps travel log.
RELATED EDUCATION PROGRAMS: Truck and Bus Driving; On-the-job Training.
EMPLOYERS: Trucking companies; Businesses that manufacture and deliver goods.
MORE INFORMATION: American Trucking Assoc.; 2200 Mill Road; Alexandria, VA 22314

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- both inside and outside. • irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- stooping, kneeling, crouching, or crawling.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 906.683-022 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- repeating set tasks.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Groceries and Related Products
- Trucking and Courier Services, Except Air
- Home Furniture and Furnishings Stores

### SIMILAR OCCUPATIONS

- Food Service Driver;
- Milk Driver;
- Van Driver;
- Cadet, Deck;
- Coin Collector;
- Shuttle-Bus Driver;

### PROGRAMS OF STUDY

- Truck & Bus Driving

### EDUCATION LEVEL

- 9 to 12 years education.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 55127 (in 1993)
  : 63701 (in 1998)

Average annual number of openings from 1993 to 1998: 3182
This trend indicates a 14% change.

VIEW No. 198

FLORIDA
# VIEW

Vital Information for Education and Work
Title: **LOAN OFFICER OR COUNSELOR**
SOC No. 1415000
DOT No. 186.267-018
GOE Interest Area: 11.06 Finance

## DESCRIPTION

Talks with customers concerning the variety of loans available. Processes applications and analyzes the customer's financial status. Uses math to determine monthly loan payments. Makes recommendation to supervisor whether to accept or deny customer's loan application.

RELATED EDUCATION PROGRAMS: Banking and Related Financial Programs; Credit Marketing; Banking and Finance.

EMPLOYERS: Banks and credit agencies.

MORE INFORMATION: American Bankers Assoc; 1120 Connecticut Ave, NW; Washington, D.C. 20036

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 186.267-018 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- business contact with people.
- working with things, numbers or objects.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- decisions based on personal judgment.
- dealing with people.
- influencing people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Non-depository Credit Institutions
- Mortgage Bankers and Brokers
- Commercial and Stock Savings

## SIMILAR OCCUPATIONS

- Credit Analyst;
- Loan Interviewer;
- Credit Counselor;

## PROGRAMS OF STUDY

- Financial Services Marketing, General
- Banking & Finance
- Taxation

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 10281 (in 1993)
  : 11744 (in 1998)

Average annual number of openings from 1993 to 1998: 760
This trend indicates a 14% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **LOCKSMITH AND SAFE REPAIRER**
SOC No. 6173000
DOT No. 709.281-010
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Repairs and opens locks, makes keys, changes locks and safe combinations. Disassembles padlocks, safe locks, and door locks; repairs or replaces worn tumblers, springs and other parts. Installs and repairs safes.
RELATED EDUCATION PROGRAMS: Locksmith and Safe Repair. On-the-job training.
EMPLOYERS: Locksmith and safe repair shops; Hardware stores; Large industrial plants; Lock and safe manufacturers; Self-employed. SPECIAL NOTE**Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 709.281-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Repair Shops and Related Services
- Machinery, Equipment and Supplies
- Self-Employed

### SIMILAR OCCUPATIONS

- Lock Assembler;
- Safe and Vault Mechanic;
- Key Cutter;
- Lock Installer;

### PROGRAMS OF STUDY

- Locksmith & Safe Repair

### EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 2,719 (in 1993)
  : 3,117 (in 1998)

Average annual number of openings from 1993 to 1998: 316
This trend indicates a 15% change.

FLORIDA
VIEW
Vital Information for Education and Work
Title: **LOCOMOTIVE AND RAIL YARD ENGINEER**
SOC No. 8232100
DOT No. 910.363-014
GOE Interest Area: 05.08 Land and Water Vehicle Operation

### DESCRIPTION

Drives electric, diesel-electric, or gas-turbine-electric locomotives. Interprets train orders, train signals, and railroad rules and regulations. May transport passengers or freight. Inspects and maintains locomotives.
RELATED EDUCATION PROGRAMS: Diesel Engine Mechanic.
EMPLOYERS: Railroad companies.
MORE INFORMATION: Association of American Railroads, 1920 L St NW, Washington, D.C. 20036.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVTIES

- sitting for along time.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 910.363-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- taking responsibility.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Railroad Transportation
- Federal Government

### SIMILAR OCCUPATIONS

- Yard Engineer
- Hostler;
- Subway Operator;
- Streetcar Operator;

### PROGRAMS OF STUDY

- Diesel Engine Mechanics

### EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $33,000 to $39,999 pear year (up to $20.41 per hour)

### FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 317 (in 1993) |
| : | 272 (in 1998) |

Average annual number of openings from 1993 to 1998: 3
This trend indicates a -14% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **LOGGING TRACTOR OPERATOR**
SOC No. 8318200
DOT No. 929.683-010
GOE Interest Area: 03.04 Elemental Work: Plants and Animals

## DESCRIPTION

Drives tractor equipped with one or more accessories, such as bulldozer blade, grapple, logging arch, cable winches, or crane boom to fell trees, to skid, load and unload, stack logs or clear brush. Builds or repairs logging and skid roads.
RELATED EDUCATION PROGRAMS: Logging; On-the-job training
EMPLOYERS: Logging campus and contractors; Forestry Services.
MORE INFORMATION: State Forestry Association; Northeastern Loggers Association; PO Box 69, Old Forge, NY 13420; Western Logging Council, C/O PO Box 846; Springfield, OR 97477

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.
- extreme cold.
- extreme heat.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 929.683-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Logging Camps and Logging Contractors
- Agricultural Services

## SIMILAR OCCUPATIONS

- Tractor Operator;
- Industrial Truck or Tractor Operator;
- Bulldozer Operator II;
- Tree Shear Operator;
- Yard Worker;

## PROGRAMS OF STUDY

- Forestry Production & Processing, General
- Logging
- Forest Products Processing Technology
- Vehicle & Equipment Operation, Other

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,698 (in 1993)
  : 2,918 (in 1998)

Average annual number of openings from 1993 to 1998: 99
This trend indicates a 8% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **LONGSHORE EQUIPMENT OPERATOR**
SOC No. 8313000
DOT No. 911.663-014
GOE Interest Area: 05.11 Equipment Operation

### DESCRIPTION

Operates power winches, cranes, and lift trucks to move cargo from a ship's hold and from place to place on a dock. Unloads heavy cargo such as cars and crates. Release grain into hatches. Hooks hose lines to liquid cargo.

RELATED EDUCATION PROGRAMS: Material Handling; On-the-job training; Military services.

EMPLOYERS: Trucking companies; Shipping companies; Air cargo companies; Military services.

MORE INFORMATION: International Longshoreman's Assoc. (AFL-CIO), 17 Battery Place, New York, NY 10004. Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- pushing or pulling.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 911.663-014 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on personal judgment.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Arrangement of Passenger Transportation
- Water Transportation Service
- Deep Sea Foreign Transportation of Freight

### SIMILAR OCCUPATIONS

- Industrial Truck or Tractor Operator;
- Boat Loader I
- Material Moving Equipment Operator;
- Hatch Tender;
- Cargo Specialist/Enl (Mil);

### PROGRAMS OF STUDY

- Vehicle & Equipment Operation, Other

### EDUCATION LEVEL

- 9 to 12 years education.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,113 (in 1993)
  : 1,237 (in 1998)

Average annual number of openings from 1993 to 1998: 35
This trend indicates a 11% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **MACHINE ASSEMBLER**
SOC No. 7720100
DOT No. 638.361-010
GOE Interest Area: 06.02 Production Work

### DESCRIPTION

Assembles machines or equipment such as air conditioning units, compression pumps, or food wrapping machines according to customer specifications. Follows assembly instructions. Bolts, screws, or rivets parts together using handtools or portable power tools. May test completed product.
RELATED EDUCATION PROGRAMS: Motor Repair; Industrial Machinery Maintenance and Repair. On-the-job training.
EMPLOYERS: Makers of electrical and non-electrical machinery and of transportation equipment.
MORE INFORMATION: Local Office of the State Job Service.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 638.361-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Electronic Components and Accessories
- Refrigeration and Service Industry Machinery
- Surgical, Medical, Dental Instruments & Supplies

### SIMILAR OCCUPATIONS

- Bench Hand;
- Air Conditioning Coil Assembler;
- Bearing Ring Assembler;
- Assembler, Rocket Engine;

### PROGRAMS OF STUDY

- Industrial Equipment Maintenance & Repair, General
- Electrical & Electronics Equipment Repair, General

### EDUCATION LEVEL

- 9 to 12 years education.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 966 (in 1993)
  : 1,083 (in 1998)

Average annual number of openings from 1993 to 1998: 54
This trend indicates a 12% change.

# FLORIDA VIEW

Vital Information for Education and Work

Title: **MACHINE FORMING OPERATOR**
SOC No. 7519100
DOT No. 616.360-018
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION

Operates machines used to grind, bore, thread plastic tubing or cut metal workpieces from templates. May use one of a variety of forming machines such as punching, extruding, rolling or pressing machines.

RELATED EDUCATION PROGRAMS: Machine Tool Operation/Machine Shop. On-the-job training.

EMPLOYERS: Companies that make products out of metal, or machinery and transportation equipment.

MORE INFORMATION: The National Tooling and Machining Association; 9300 Livingston Rd; Ft. Washington, MD 20744

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- extreme heat.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- lifting.
- carrying.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 616.360-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupatio (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Metal Forging and Stamping
- Fabricated Structural Metal Products
- Miscellaneous Fabricated Metal Products

## SIMILAR OCCUPATIONS

- Automatic Casting Forging Machine Operator
- Press and Brake Machine Operator;
- Extruding and Drawing Machine Operator;
- Punching and Shearing Machine Operator;
- Rolling Machine Operator;
- Forging Machine Operator;

## PROGRAMS OF STUDY

- Machine Tool Operation/Machine Shop
- Sheet Metal
- Metal Fabrication

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 3357 (in 1993)
  : 3684 (in 1998)

Average annual number of openings from 1993 to 1998: 164
This trend indicates a 10% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **MACHINE TOOL CUTTER**
SOC No. 7522100
DOT No. 601.280-042
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION

Sets up and operates machine tools; fits or assembles parts to make or repair cutting tools. May use one of a variety of cutting machine tools, including sawing machines, and grinding, buffing, polishing, and honing machines. Must be knowledgeable of metal properties, mathematics, tool design.

RELATED EDUCATION PROGRAMS: Machine Tool Operation/Machine Shop. On-the-job training.

EMPLOYERS: Companies that make products out of metal, or machinery and transportation equipment.

MORE INFORMATION: The National Tooling and Machining Association; 9300 Livingston Rd; Ft. Washington, MD 20744

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 601.280-042 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Aircraft and Parts
- Fabricated Structural Metal Products
- Cutlery, Hand Tools, and Hardware

## SIMILAR OCCUPATIONS

- Screw Machine Operator;
- Last Sawyer;
- Bit Sharpener Operator;
- Buffing Machine Tender;
- Radial Router Operator;
- Tool Grinder I;

## PROGRAMS OF STUDY

- Machine Tool Operation/Machine Shop

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,649 (in 1993)
  : 2,967 (in 1998)

Average annual number of openings from 1993 to 1998: 169
This trend indicates a 12% change.

VIEW No. 206

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **MACHINERY MAINTENANCE WORKER**
SOC No. 6140100
DOT No. 626.281-010
GOE Interest Area: 06.04 Elemental Work: Industrial

### DESCRIPTION

Does routine maintenance of production machinery such as changing of parts and lubrication of machinery. Routinely inspects and listens to equipment to locate cause of trouble. Dismantles equipment, replaces or repairs worn or defective parts. May set up and operate machines to repair parts.
RELATED EDUCATION PROGRAMS: Industrial Machinery Maintenance and Repair. On-the-job training.
EMPLOYERS: Most industries and plants with production machinery such as chemical companies, machine shops, printing companies, textile mills.
MORE INFORMATION: Local State Job Service Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- extreme heat.
- noise and vibrations.
- dust, fumes, odors, poor ventilation.
- damp or wet.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- stooping, kneeling, crouching, or crawling.
- lifting.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 626.281-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- U.S. Postal Service, Total
- Metal Forging and Stamping
- Public Finance, Taxation and Monetary Policy

### SIMILAR OCCUPATIONS

- Polishing Wheel Setter;
- Equipment Cleaner and Tester;
- Overhead Cleaner Maintainer;
- Pipe Changer;
- Valve Repairer;
- Warp Tension Tester;

### PROGRAMS OF STUDY

- Industrial Equipment Maintenance & Repair, General
- Industrial Machinery Maintenance & Repair

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 2,074 (in 1993)
  : 2,272 (in 1998)

Average annual number of openings from 1993 to 1998: 110
This trend indicates a 10% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **MACHINIST**
SOC No. 6813000
DOT No. 600.280-022
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Shapes pieces of metal into machine parts. Sets up and operates machine tools. Applies knowledge of mechanics, shop math, metal properties, layout and machining procedures. Follows blueprints and drawings to select tools and plan procedures.

RELATED EDUCATION PROGRAMS: Machine Tool Operation/Machine Shop; Military Svs.

EMPLOYERS: Industrial machinery manufacturers; Fabricated metal products; Transportation equipment; Military services.

MORE INFORMATION: National Tooling and Machining Assoc, 9300 Livingston Rd, Ft. Washington, MD 20744. Military Recruiting Office. SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- lifting.
- standing for a long time.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 600.280-022 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

VIEW No. 208

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Metalworking Machinery and Equipment
- Miscellaneous Industrial and Commercial Equipment
- Machinery, Equipment and Supplies

### SIMILAR OCCUPATIONS

- Model Maker, Firearms;
- Machinist/Enl (Mil);
- Automotive Machinist;
- Machine Tool Cutter;
- Tool and Die Maker;
- Instrument Maker;

### PROGRAMS OF STUDY

- Machine Tool Operation/Machine Shop

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 12,330 (in 1993)
  : 13,934 (in 1998)

Average annual number of openings from 1993 to 1998: 901
This trend indicates a 13% change.

FLORIDA

VIEW

**Vital Information for Education and Work**

Title: **MAIL CLERK**
SOC No. 4744000
DOT No. 209.587-026
GOE Interest Area: 07.05 Records Processing

## DESCRIPTION

Sorts incoming mail for distribution. Dispatches outgoing mail. Sorts mail according to the destination. Re-addresses undelivered mail and examines outgoing mail to insure it has a complete address and enough postage. May seal, stamp, or affix postage to outgoing mail. May keep records of work.

RELATED EDUCATION PROGRAMS: Mail and Order Clerk.

EMPLOYERS: Companies with large volumes of mail especially in the industries of business services, printing, publishing, insurance and banking.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 209.587-026 indicates the following on data, people, and things.

(5) Copying: Writing, listing, or entering numbers or letters exactly as seen.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- dealing with people.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Business Services
- U.S. Postal Service, Total
- Mailing, Duplicating, Art, Photography & Stenographic Services

## SIMILAR OCCUPATIONS

- Registered Mail Clerk;
- Trust-Mail Clerk;
- Direct-Mail Clerk;
- Mailer;
- Parcel-Post Clerk;

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 7,411 (in 1993)
  : 8,493 (in 1998)

Average annual number of openings from 1993 to 1998: 624
This trend indicates a 15% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **MAINTENANCE REPAIRER, GENERAL UTILITY**
SOC No. 6179600
DOT No. 899.381-010
GOE Interest Area: 05.10 Crafts

### DESCRIPTION

Repairs and maintains the machines, mechanical equipment and/or structure of an establishment. Duties may include pipefitting, insulating, welding, machine repair, carpentry, and electrical work. May install new equipment.
RELATED EDUCATION PROGRAMS: Building and Property Maintenance; On-the-job training.
EMPLOYERS: Employed in most industries. **SPECIAL NOTE**Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme heat.
- risk of injury.
- noise and vibrations.
- extreme cold.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- lifting.
- carrying.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.
- walking.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 899.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

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APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Real Estate Operators (Ex. Developers) and Lessors
- Hotels and Motels
- Real Estate Agents and Managers

### SIMILAR OCCUPATIONS

- Maintenance Repairer, Industrial;
- Maintenance Repairer, Factory;
- Maintenance Repairer, Building;
- Maintenance Worker, Municipal;

### PROGRAMS OF STUDY

- Miscellaneous Construction Trades, Other
- Building and Property Maintenance
- Construction Trades, Other

### EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 69,365 (in 1993)
  : 79,009 (in 1998)

Average annual number of openings from 1993 to 1998: 4,206
This trend indicates a 14% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **MANAGEMENT ANALYST**
SOC No. 1420000
DOT No. 161.167-010
GOE Interest Area: 11.05 Business Administration

### DESCRIPTION

Analyzes business operations to find ways to help management operate more efficiently and effectively. Conducts studies, designs new work procedures. Looks for ways to simplify work and prepares procedures manuals. May specialize in a type of industry such as banking, manufacturing, or health care.
RELATED EDUCATION PROGRAMS: Office Supervision and Management. Military services provide some training.
EMPLOYERS: Federal and state governments; Management consulting firms; Military services; Self-employed.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 161.167-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- scientific or technical work.
- studying people or communicating ideas.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on facts.
- decisions based on personal judgment.
- dealing with people.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Miscellaneous Business Services
- Self-Employed

### SIMILAR OCCUPATIONS

- Management Analyst/Off (Mil);
- Operations Research Analyst (N/E);
- Records Management Analyst;
- Forms Analyst
- Manager, Forms Analysis;
- Clerical-Methods Analyst;

### PROGRAMS OF STUDY

- Public Transportation
- Business Administration & Management, Other
- Product Management
- Business Administration & Management
- Business & Management, General
- Business and Management, Other
- Arts Management
- Public Utilities
- Transportation Management
- Public Affairs, General
- Criminal Justice Administration
- Typing, General Office, & Related Programs, Other
- Office Supervision & Management
- Public Sanitation
- Public Administration
- International Business Management
- Community Services
- International Public Service
- Small Business Management & Ownership

### EDUCATION LEVEL

- Undergraduate Degree.

### AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 8,170 (in 1993)
  : 9,236 (in 1998)

Average annual number of openings from 1993 to 1998: 1,111
This trend indicates a 13% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**
Title: **MANICURIST**
SOC No. 5253205
DOT No. 331.674-010
GOE Interest Area: 09.05 Attendant Services

## DESCRIPTION

Cleans, shapes and polishes finger and toe nails. Removes previously applied nail polish. Trims cuticles using scissors or clippers. Removes callouses and dead skin from feet using scraper and sponge. Shapes and smooth nail edges using scissors, clippers, files and an emery board. Applies liquidpolish onto nails with brush. SPECIAL NOTE** The State of Florida requires a license for this occupation.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 331.674-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 5 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 6 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- repeating set tasks.
- dealing with people.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Beauty Shops
- Self-employed
- Barber Shops

## SIMILAR OCCUPATIONS

- Cosmetologist or Hairdresser;
- Barber;
- Make-Up Artist;
- Masseur or Masseuse;
- Mortuary Beautician;

## PROGRAMS OF STUDY

- Cosmetology

## EDUCATION LEVEL

- less than 1 year Vocational or Trade School.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,725 (in 1993)
  : 2,989 (in 1998)

Average annual number of openings from 1993 to 1998: 155
This trend indicates a 10% change.

VIEW No. 212

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **MARINE ENGINEER**
SOC No. 1637500
DOT No. 014.061-014
GOE Interest Area: 05.01 Engineering

## DESCRIPTION

Designs and oversees the installation of ship machinery and related equipment, including propulsion machines and power supply systems. Evaluates the operation of equipment during testing.
RELATED EDUCATION PROGRAMS: Naval Architecture and Marine Engineering. License required.
EMPLOYERS: Marine equipment manufacturers; Ship building companies; Engineering consulting firms; Military services.
MORE INFORMATION: Society of Marine Engineers; 1 World Trade Center; New York, NY 10048. Military Recruiting Office. ** Special Note ** Florida Statute require licensure regulated by the Department of Professional Regulation.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 014.061-014 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- taking responsibility.
- dealing with people.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed Authors, Lecturers, Radio Commentators
- Water Transportation Service
- Ship and Boat Building and Repairing

## SIMILAR OCCUPATIONS

- Design Engineer, Marine Equipment;
- Port Engineer
- Research Engineer, Marine Equipment;
- Marine Surveyor;
- Test Engineer, Marine Equipment;
- Marine Engineer/Off (Mil);

## PROGRAMS OF STUDY

- Naval Architecture & Marine Engineering

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $40,000 to $49,999 per year (up to $25.50 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 530 (in 1993)
  : 598 (in 1998)

Average annual number of openings from 1993 to 1998: 42
This trend indicates a 13% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **MARINE MECHANIC**
SOC No. 6114217
DOT No. 623.281-038
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION
Repairs and adjusts electrical and mechanical equipment of gasoline or diesel-powered motors aboard ships or other marine craft. May use computerized diagnostic equipment to inspect and test motor for defects. Keeps complete and up-to-date records on all maintenance or repair.

SPECIAL NOTE ** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- dust, fumes, odors, poor ventilation.
- noise and vibrations.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • weekend work. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- pushing or pulling.
- lifting.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 623.281-038 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 5 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception

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Aptitude 05: 2 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 1 M. Manual Dexterity

## INTERESTS
INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- many changing duties.
- taking responsibility.
- decisions based on personal judgment.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Water Transportation Service
- Federal Government
- Miscellaneous Repair Shops and Related Services

## SIMILAR OCCUPATIONS
- Motorboat Mechanic;
- Gas-Engine Repairer;
- Engine Repairer, Service;
- Marine Engine Mechanic/Enl (Mil);
- Boat Repairer
- Small Engine Specialist;

## PROGRAMS OF STUDY
- Marine Propulsion Technology
- Marine Maintenance

## EDUCATION LEVEL
- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE
- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 292 (in 1993)
  : 324 (in 1998)

Average annual number of openings from 1993 to 1998: 17
This trend indicates a 11% change.

F L O R I D A
# VIEW
**Vital Information for Education and Work**

Title: **MARINE OR NAVAL ARCHITECT**
SOC No. 1637300
DOT No. 001.061-014
GOE Interest Area: 05.01 Engineering

## DESCRIPTION
Plans, designs, tests and oversees the construction and repair of marine craft, structures, and port facilities. Designs machinery used aboard vessels. Studies drawings and design specifications to plan layout and design of ship systems.
RELATED EDUCATION PROGRAMS: Naval Architecture and Marine Engineering.
EMPLOYERS: Ship builders; Architectural firms; Marine equipment manufacturers; port authorities.
MORE INFORMATION: Society of Naval Architects, 1 World Trade Center, New York, NY 10048

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 001.061-014 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and fact[illegible]her in new ways to explain how things work. Developing new idea[illegible]nd theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 1 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS
INTERESTS - You would like:
- scientific or technical work.
- working with machines, process or techniques.
- abstract and creative work.

## TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- many changing duties.
- taking responsibility.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Self-employed Authors, Lecturers, Radio Commentators
- Self-Employed
- Water Transportation Service

## SIMILAR OCCUPATIONS
- Port Engineer
- Marine Engineer;
- Marine Surveyor;
- Design Engineer, Marine Equipment;
- Research Engineer, Marine Equipment;

## PROGRAMS OF STUDY
- Naval Architecture & Marine Engineering

## EDUCATION LEVEL
- 5 or more years University.

## AVERAGE BEGINNING WAGE
- $40,000 to $49,999 per year (up to $25.50 per hour).

## FUTURE OUTLOOK
| • Projected number of employees: | 28 (in 1993) |
|---|---|
| : | 32 (in 1998) |

Average annual number of openings from 1993 to 1998: 2
This trend indicates a 14% change.

FLORIDA
VIEW
Vital Information for Education and Work

Title: **MARKETING, ADVERTISING OR PUBLIC RELATIONS MANAGER**
SOC No. 1250500
DOT No. 163.167-010
GOE Interest Area: 11.09 Promotion

## DESCRIPTION

Plans, organizes, and directs marketing and public relations activities for a business, agency, or organizations. Develops marketing policies, directs sales activities. Consults with department heads to plan special advertising or to promote the sale of advertising services.

RELATED EDUCATION PROGRAMS: Marketing Management; Marketing Research; Advertising.

EMPLOYERS: Manufacturing firms; Wholesale and retail establishments; Advertising agencies.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • overtime work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- sitting for along time.
- speaking.
- hearing.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 163.167-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- business contact with people.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- taking responsibility.
- influencing people.
- dealing with people.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Business Services
- Motor Vehicle Dealers (New and Used)
- Department Stores

## SIMILAR OCCUPATIONS

- Promotion Manager;
- Account Executive;
- Export Manager;
- Fashion Coordinator;
- Media Director;
- Sales Manager, Marketing;

## PROGRAMS OF STUDY

- Marketing Research
- Marketing Management
- Business & Personal Services Marketing, General
- Marketing Management & Research, Other
- Advertising
- Wholesaling
- Marketing Management
- Public Relations

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 21,648 (in 1993)
  : 24,759 (in 1998)

Average annual number of openings from 1993 to 1998: 1,321
This trend indicates a 14% change.

VIEW No. 216

F L O R I D A
**VIEW**
**Vital Information for Education and Work**
Title: **MATHEMATICAL TECHNICIAN**
SOC No. 3840000
DOT No. 020.162-010
GOE Interest Area: 11.01 Mathematics and Statistics

## DESCRIPTION

Uses standard math formulas to help engineers and scientists solve problems in industry or research. Studies technical problem to determine the best math approach then applies this equation to the identified problem. May present results in the form of flow charts or graphs.
RELATED EDUCATION PROGRAMS: Mathematics; Applied Mathematics; Pure Mathematics.
EMPLOYERS: Manufacturers of technical equipment; Federal agencies; Research and development consulting firms; Colleges and universities.
MORE INFORMATION: Society for Industrial and Applied Mathematics; 1400 Architects Building; 117 S 17th St; Philadelphia, PA 19103

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 020.162-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government
- Computer and Office Equipment
- Life Insurance

## SIMILAR OCCUPATIONS

- Mathematician
- Actuary;
- Statistician, Applied;
- Weight Analyst;

## PROGRAMS OF STUDY

- Mathematics, Other
- Statistics
- Mathematics, General
- Applied Mathematics
- Pure Mathematics

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 44 (in 1993)
  : 47 (in 1998)

Average annual number of openings from 1993 to 1998: 2
This trend indicates a 7% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: MEAT, POULTRY AND FISH CUTTER**
SOC No. 7753200
DOT No. 316.684-018
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION

Performs a wide variety of food cutting and trimming tasks. Uses handtools to debone meat, slit carcasses, eviscerate poultry and clean and butcher fish.

RELATED EDUCATION PROGRAMS: Meatcutting; Slaughtering and Butchering. On-the-job training.

EMPLOYERS: Plants that process meat, fish and other seafood.

MORE INFORMATION: Amalgamated Meat Cutters and Butcher Workers of North America; 2800 N Sheridan Rd; Chicago, IL 60657

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- dust, fumes, odors, poor ventilation.
- extreme cold.
- damp or wet.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- carrying.
- standing for a long time.
- lifting.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 316.684-018 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Meat Products
- Miscellaneous Food Preparations
- Canned, Frozen, and Preserved Fruits and Vegetables

## SIMILAR OCCUPATIONS

- Fish Butcher;
- Carcass Splitter;
- Skinner;
- Fish Cleaner;
- Meat Boner;

## PROGRAMS OF STUDY

- Meatcutting
- Food Products

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2189 (in 1993)
  : 2346 (in 1998)

Average annual number of openings from 1993 to 1998: 100
This trend indicates a 70% change.

VIEW No. 218

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **MECHANICAL ENGINEER**
SOC No. 1635100
DOT No. 007.061-014
GOE Interest Area: 05.01 Engineering

## DESCRIPTION

Designs and develops tools, engines, machines, and other equipment. Also directs the installation, use, and upkeep, of gas water and steam systems. Some conduct research, do sales work or teach.
RELATED EDUCATION PROGRAMS: Mechanical Engineering.
EMPLOYERS: Manufacturers of machinery and equipment Society of Mechanical Engineers 345 E. 47th St; New York, NY 10017. **SPECIAL NOTE** Florida Statute requires licensure regulated by the Department of Professional Regulation.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 007.061-014 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Guided Missiles and Space Vehicles and Parts
- Self-employed Authors, Lecturers, Radio Commentators
- Aircraft and Parts

## SIMILAR OCCUPATIONS

- Solar Energy Systems Designer (N/E);
- Drawings Checker, Engineering;
- Automotive Engineer;
- Tool Designer
- Plant Engineer;
- Utilization Engineer;

## PROGRAMS OF STUDY

- Mechanical Engineering

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 8,813 (in 1993)
  : 10,012 (in 1998)

Average annual number of openings from 1993 to 1998: 512
This trend indicates a 14% change.

FLORIDA VIEW

**Vital Information for Education and Work**

**Title: MECHANICAL ENGINEERING TECHNICIAN**
**SOC No. 3713000**
**DOT No. 007.161-026**
**GOE Interest Area: 05.01 Engineering**

### DESCRIPTION

Helps mechanical engineers in the design and development of machinery and equipment. Makes sketches and suggests layouts of the assembly process. Figures out the costs of the parts to be manufactured. May use a computer to compare labor and equipment costs, and write reports.

RELATED EDUCATION PROGRAMS: Mechanical Design Technology; Mechanical Drafting

EMPLOYER: Electrical equipment manufacturers; Auto manufacturers; Engineering consulting firms.

MORE INFORMATION: The American Society of Mechanical Engineers; 345 E. 47th St.; New York, NY 10017

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 007.161-026 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Machinery, Equipment and Supplies
- Guided Missiles and Space Vehicles and Parts
- Self-employed Authors, Lecturers, Radio Commentators

### SIMILAR OCCUPATIONS

- Tool-Drawing Checker;
- Heat-Transfer Technician;
- Die-Drawing Checker;
- Auto-Design Checker;
- Optomechanical Technician;

### PROGRAMS OF STUDY

- Mechanical Design Technology
- Electromechanical Instrumentation & Maintenance
- Engineering & Engineering-Related Technologies, Other

### EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 2,496 (in 1993)
  : 2,857 (in 1998)

Average annual number of openings from 1993 to 1998: 136
This trend indicates a 14% change.

VIEW No. 220

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **MECHANICS' AND REPAIRERS' SUPERVISOR**
SOC No. 6000000
DOT No. 638.131-022
GOE Interest Area: 05.02 Managerial Work: Mechanical

### DESCRIPTION

Supervises workers who install, adjust, maintain and repair machinery and tools. Determines the workers, materials and supplies needed, and procedures to be used. Trains workers and their helpers, enforces safety rules and handles complaints. May perform both supervisory and management functions.

RELATED EDUCATION PROGRAMS: Trade and Industrial Supervision and Management.

EMPLOYERS: Industrial plants; Repair shops; Construction companies; Airline companies; Car dealerships.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme heat.
- risk of injury.
- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 638.131-022 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(3) Supervising: Directing workers by giving orders and explaining duties. Making sure they do the work on time. Helping everyone work together.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- business contact with people.
- directing or organizing, or activities resulting in recognition.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- dealing with people.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Telephone Communication
- Automobile Repair Shops
- Machinery, Equipment and Supplies

### SIMILAR OCCUPATIONS

- Maintenance Supervisor;
- Appliance-Service Supervisor;
- Engine Repair Supervisor;
- Service Manager;
- Mechanical Maintenance Supervisor;

### PROGRAMS OF STUDY

- Trade, Industrial Supervision & Management
- Automotive Technology

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 22,261 (in 1993)
  : 24,785 (in 1998)

Average annual number of openings from 1993 to 1998: 1,203
This trend indicates a 11% change.

VIEW No. 221

FLORIDA

VIEW

Vital Information for Education and Work

**Title: MEDICAL ASSISTANT (N/E)**
SOC No. 5233000
DOT No. 079.367-010
GOE Interest Area: 10.03 Child and Adult Care

## DESCRIPTION

**Performs duties under the direction of a doctor. Prepares treatment rooms. Drapes patients with covering and gets out instruments and equipment. Hands instruments to the doctor. Interviews patients, keeps records, schedules appointments.**

**RELATED EDUCATION PROGRAMS:** Medical Assisting; Podiatric Assisting; Ophthalmic Medical Assisting. Certification available. Accredited by CAHEA.

**EMPLOYERS:** Physician's offices; Hospitals; Offices of other health practitioners.

**MORE INFORMATION:** The American Assoc, of Medical Assistants; 20 North Wacker Dr; Suite 1575; Chicago, IL 60606

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 079.367-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and reporting the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way that they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- business contact with people.
- working to improve social conditions.
- scientific or technical work.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- repeating set tasks.
- dealing with people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Offices and clinics of Other Health Practitioners
- Hospitals
- Offices of Physicians

## SIMILAR OCCUPATIONS

- Medical Secretary;
- Medical Record Technician/Technologist;
- Podiatric Assistant;
- Dental Assistant (N/E);
- Chiropractic Assistant;

## PROGRAMS OF STUDY

- Medical Assisting
- Physician Assisting

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 11,615 (in 1993)
  : 13,993 (in 1998)

Average annual number of openings from 1993 to 1998: 842
This trend indicates a 20% change.

VIEW No. 222

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **MEDICAL OR CLINICAL LABORATORY TECHNICIAN**
SOC No. 3690600
DOT No. 078.381-014
GOE Interest Area: 02.04 Laboratory Technology

### DESCRIPTION

Performs routine tests in medical laboratories for use in the treatment and diagnosis of disease. Prepares tissue samples. Takes blood samples. Tests urine and blood through analyses. Works with medical technologist.
RELATED EDUCATION PROGRAMS: Medical Laboratory Technology; Clinical Laboratory Assisting; Clinical Laboratory Aide. Accredited by CAHEA.
EMPLOYERS: Hospitals; Clinics; Doctors' offices; Medical laboratories; Public health agencies. **SPECIAL NOTE** License required.
MORE INFORMATION: National Certification Agency for Medical Laboratory Personnel; 1725 Desales St NW; Suite 403; Washington, D.C. 20036.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 078.381-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- scientific or technical work.
- working on or producing things.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hospitals
- Offices of Physicians
- Medical and Dental Laboratories

### SIMILAR OCCUPATIONS

- Immunohematologist;
- Phlebotomist;
- Laboratory Technician, Veterinary;
- Medical Laboratory Assistant;
- Laboratory Assistant, Blood and Plasma;

### PROGRAMS OF STUDY

- Histologic Technology
- Hematology Technology
- Chemistry Technology
- Blood Bank Technology
- Cytotechnology
- Public Health Laboratory Science
- Medical Laboratory
- Microbiology Technology
- Medical Technology
- Clinical Animal Technology
- Medical Laboratory Technology

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 6,146 (in 1993)
  : 7,220 (in 1998)

Average annual number of openings from 1993 to 1998: 316
This trend indicates a 17% change.

FLORIDA VIEW

# Vital Information for Education and Work

Title: **MEDICAL OR CLINICAL LABORATORY TECHNOLOGIST**
SOC No. 3620400
DOT No. 078.361-014
GOE Interest Area: 02.04 Laboratory Technology

## DESCRIPTION

**Performs laboratory tests in conjunction with Pathologist. Develops data on the blood, tissues, and fluids in the human body by using a variety of precision instruments. Responsible for accurate test results.**

RELATED TRAINING PROGRAM: Medical Technology. Accredited by CAHEA.

EMPLOYERS: Most work in hospitals; private laboratories, government agencies, and military services.

MORE INFORMATION: American Society for Medical Technology, 2021 L St,. NW Suite 400, Washington, D.C. 20056

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 078.361-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working on or producing things.
- working with machines, process or techniques.
- scientific or technical work.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hospitals
- Medical and Dental Laboratories
- Offices of Physicians

## SIMILAR OCCUPATIONS

- Medical Laboratory Technician;
- Immunohematologist;
- Medical/Clinical Laboratory Technologist
- Medical Technologist, Teaching;

## PROGRAMS OF STUDY

- Histologic Technology
- Cytotechnology
- Clinical Laboratory Assisting
- Medical Laboratory Technology

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 9,473 (in 1993)
  : 11,114 (in 1998)

Average annual number of openings from 1993 to 1998: 484
This trend indicates a 17% change.

VIEW No. 224

FLORIDA

**VIEW**

Vital Information for Education and Work
Title: **MEDICAL RECORD TECHNICIAN/TECHNOLOGIST**
SOC No. 3640000
DOT No. 079.367-014
GOE Interest Area: 07.05 Records Processing

DESCRIPTION

Keeps permanent medical records of patients in a hospital, clinic or doctor's office. Assigns a code number to medical procedures such as X-ray, testing, diagnosing and treatment. Compiles statistics and records. May use a computer to store and retrieve coded information.

RELATED TRAINING: Medical Records Technology; Medical Records Administration;

EMPLOYERS: Hospitals; Outpatient care facilities; Doctor's offices; Military services.

MORE INFORMATION: American Medical Record Assoc.. Suite 1851, 875 N Michigan Ave, Chicago, IL 60611. Military Recruiting Office.

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVTITIES

- reaching, handling, fingering, or feeling.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 079.367-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- studying people or communicating ideas.

TEMPERAMENTS - You would like work with:

- many changing duties.
- working under stress.
- dealing with people.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Nursing and Personal Care Facilities
- Hospitals
- Home Health Care Services

SIMILAR OCCUPATIONS

- Medical Records Technician/Enl (Mil);
- Medical Assistant (N/E);
- Medical Secretary;

PROGRAMS OF STUDY

- Medical Records Technology
- Health Unit Coordinating
- Medical Records Administration

EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK

- Projected number of employees: 3,706 (in 1993)
  : 4,445 (in 1998)

Average annual number of openings from 1993 to 1998: 254
This trend indicates a 20% change.

FLORIDA VIEW

**Vital Information for Education and Work**

Title: **MEDICAL SECRETARY**
SOC No. 4622100
DOT No. 201.362-014
GOE Interest Area: 07.01 Administrative Detail

### DESCRIPTION

Performs secretarial duties using knowledge of medical terms and hospital, clinical, and laboratory procedures. Transcribes notes, files, greets patients, makes appointments. May use a computer to prepare correspondence, compile medical charts; prepare bills for medical services.
RELATED TRAINING; Secretarial; Medical Secretarial.
EMPLOYERS: Doctor's offices; Hospitals; Clinics; Medical laboratories; Nursing homes.
MORE INFORMATION;: Professional Secretaries International, 301 E Armour Blvd, Kansas City, MO 64111.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 201.362-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on personal judgment.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Offices of Physicians
- Offices and Clinics of Other Health Practitioners
- Hospitals

### SIMILAR OCCUPATIONS

- Order-Control Clerk, Bloodbank;
- Medical Voucher Clerk;
- Ward Clerk;
- Medical Record Clerk;
- Medical Record Technician/Technologist;
- Medical Assistant (N/E);

### PROGRAMS OF STUDY

- Medical Secretarial
- Secretarial

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 15,885 (in 1993)
  : 18,936 (in 1998)

Average annual number of openings from 1993 to 1998: 1,120
This trend indicates a 19% change.

VIEW No. 226

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **MEDICINE AND HEALTH SERVICE MANAGER (N/E)**
SOC No. 1310100
DOT No. 075.117-014
GOE Interest Area: 11.07 Services Administration

### DESCRIPTION
**Manages medical and health services in hospitals, clinics, businesses, or schools. May direct nursing services in a community health agency, the medical record system of a hospital or an emergency services program or similar program.**
RELATED EDUCATION PROGRAMS: Health Care Administration.
EMPLOYERS: Hospitals; Doctors' offices; Nursing homes; Military services.
MORE INFORMATION: National Health Council Health Careers Programs; 70 W 40th St.; New York, NY 10018. Military Recruiting Office

### THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS
The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES
- speaking.
- hearing.

### WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 075.117-014 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(1) Negotiating: Talking over ideas, information, and opinions with others until all agree on solutions.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS
INTERESTS - You would like:
- business contact with people.
- working to improve social conditions.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

### TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- taking responsibility.
- many changing duties.
- dealing with people.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Home Health Career Services
- Hospitals
- Nursing and Personal Care Facilities

### SIMILAR OCCUPATIONS
- Director, Occupational Health;
- Utilization Review Coordinator;
- Director, Community Health Nursing;
- Health Service Administrator/Off (Mil);
- Emergency Medical Service Coordinator
- Medical Record Administrator;

### PROGRAMS OF STUDY
- Health Science Administration, Other
- Health Care Administration

### EDUCATION LEVEL
- Undergraduate Degree.

### AVERAGE BEGINNING WAGE
- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK
• Projected number of employees: 6,702 (in 1993)
: 7,975 (in 1998)

Average annual number of openings from 1993 to 1998: 600
This trend indicates a 19% change.

FLORIDA
**VIEW**

## Vital Information for Education and Work

Title: **METAL FABRICATING MACHINE OPERATOR**
SOC No. 7529409
DOT No. 619.685-018
GOE Interest Area: 06.04 Elemental Work: Industrial

### DESCRIPTION

Works at fabricating machine, such as saws, shears, brakes, ironworker etc., to cut, shape, and bend metal plates, sheets, and other shapes. Uses scale, ruler or template to set, stop or guide measure of work. Starts machine. Removes burs, sharp edges, rust or scale with file, hand grinder or wire brush. Oils machine, dies or workpieces. Stacks, marks, packs and moves finished pieces.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 619.685-018 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

VIEW No. 228

### INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- taking responsibility.
- repeating set tasks.
- decisions based on personal judgment.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Fabricated Structural Metal Products
- Roofing and Sheet Metal Work
- Miscellaneous Special Trade Contractors

### SIMILAR OCCUPATIONS

- Laborer, General Machine Shop;
- Production Machine Tender;
- Maintenance Machinist;
- Machine Tool Cutter;
- Machinist;

### PROGRAMS OF STUDY

- Metal Fabrication

### EDUCATION LEVEL

- High School Graduate.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,279 (in 1993)
  : 1,443 (in 1998)

Average annual number of openings from 1993 to 1998: 77
This trend indicates a 13% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **METALLURGICAL OR MATERIALS ENGINEER**
SOC No. 1623500
DOT No. 011.061-022
GOE Interest Area: 05.01 Engineering

### DESCRIPTION
Metallurgical, ceramic, or materials engineers develop new types of metals or other materials that are heat resistant, strong, and lightweight. May design tools to make products from such materials as clay, glass, stone and metal. May specialize in chemical or physical processes.
RELATED EDUCATION PROGRAMS: Materials Engineering; Metallurgical Engineering; Ceramic Engineering; License required.
EMPLOYERS: Manufacturers of metal products; Aircraft manufactures; Engineering consulting firms.

### THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

### WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 011.061-022 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES
Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS
INTERESTS - You would like:
- working with things, numbers or objects.
- studying people or communicating ideas.
- scientific or technical work.
- working with machines, process or techniques.
- abstract and creative work.

### TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- taking responsibility.
- many changing duties.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Electronic Components and Accessories
- Aircraft and Parts
- Miscellaneous Business Services

### SIMILAR OCCUPATIONS
- Metallographer;
- Foundry Metallurgist;
- Welding Engineer;
- Ceramic Engineer;
- Extractive Metallurgist;
- Physical Metallurgist;

### PROGRAMS OF STUDY
- Materials Engineering
- Ceramic Engineering
- Metallurgy
- Metallurgical Engineering

### EDUCATION LEVEL
- Undergraduate Degree.

### AVERAGE BEGINNING WAGE
- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK
- Projected number of employees: 1,473 (in 1993)
  : 1,676 (in 1998)

Average annual number of openings from 1993 to 1998: 193
This trend indicates a 14% change.

FLORIDA
# VIEW

**Vital Information for Education and Work**

Title: **METEOROLOGIST**
SOC No. 1846000
DOT No. 025.062-010
GOE Interest Area: 02.01 Physical Sciences

## DESCRIPTION

Studies the atmosphere to predict weather conditions. Observes and records weather patterns. Develops ways to make more accurate weather forecasts. Prepares special forecasts for airplane pilots, ship captains, farmers.
RELATED EDUCATION PROGRAMS: Atmospheric Sciences and Meteorology.
EMPLOYERS: National Weather Service, TV stations; Military Services.
MORE INFORMATION: American Meteorological Society; 45 Beacon St; Boston, MA 02028; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 025.062-010 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- scientific or technical work.
- studying people or communicating ideas.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- taking responsibility.
- decisions based on personal judgment.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government
- Public Finance, Taxation and Monetary Policy
- Colleges, Universities, Professional Schools, and Junior Colleges

## SIMILAR OCCUPATIONS

- Meteorologist
- Weather Observer;
- Hydrographer;

## PROGRAMS OF STUDY

- Atmospheric Sciences and Meteorology

## EDUCATION LEVEL

- 5 or more years University.

## AVERAGE BEGINNING WAGE

- $40,000 to $49,999 per year (up to $25.50 per hour).

## FUTURE OUTLOOK

| | | |
|---|---|---|
| • Projected number of employees: | 322 (in 1993) | |
| : | 361 (in 1998) | |

Average annual number of openings from 1993 to 1998: 17
This trend indicates a 12% change.

# FLORIDA VIEW

**Vital Information for Education and Work**

Title: **METER READER, UTILITIES**
SOC No. 4755000
DOT No. 209.567-010
GOE Interest Area: 05.09 Material Control

## DESCRIPTION

Goes to homes and businesses to check meters that register the amount of electricity, steam, gas, or water used by customers. Reads dials to determine the amount used. Keeps records and turns in the information to the company.
RELATED EDUCATION PROGRAMS: On-the-job training.
EMPLOYERS: Public and private utility (Electric, Gas, Water) companies.
MORE INFORMATION: City Personnel Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 209.567-010 indicates the following on data, people, and things.

(5) Copying: Writing, listing, or entering numbers or letters exactly as seen.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

| | | |
|---|---|---|
| Aptitude 01: | 3 | G. General Learning Ability |
| Aptitude 02: | 3 | V. Verbal Aptitude |
| Aptitude 03: | 3 | N. Numerical Aptitude |
| Aptitude 04: | 4 | S. Spatial Perception |
| Aptitude 05: | 4 | P. Form Perception |
| Aptitude 06: | 3 | Q. Clerical Perception |
| Aptitude 07: | 5 | K. Eye-Hand Coordination |
| Aptitude 08: | 5 | F. Finger Dexterity |
| Aptitude 09: | 5 | M. Manual Dexterity |

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Electric Services
- Gas Production and Distribution

## SIMILAR OCCUPATIONS

- Chart Changer
- Material Clerk;
- Receiving Checker;
- Cargo Checker

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,976 (in 1993)
  : 3,329 (in 1998)

Average annual number of openings from 1993 to 1998: 131
This trend indicates a 12% change.

VIEW No. 231

FLORIDA

# VIEW

Vital Information for Education and Work

Title: MILLWRIGHT
SOC No. 6178200
DOT No. 638.281-018
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Install, repairs, and maintains complex machinery. Performs tasks necessary to prepare machinery for use such as building platforms on which heavy machines are mounted. Works from blueprints and uses all types of building machinery.
RELATED EDUCATION PROGRAMS: Industrial Machinery Maintenance and Repair.
EMPLOYERS: Many industries, especially special trades, construction, automobile makers, and metal processing plants.
MORE INFORMATION: Associated General Contractors of America; 1957 E St, NW; Washington, D.C. 20006 SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • work requiring travel. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- climbing or balancing.
- lifting.
- stooping, kneeling, crouching, or crawling.
- carrying.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 638.281-018 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

VIEW No. 232

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- dealing with people.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- General Industrial Machinery
- Miscellaneous Special Trade Contractors
- Paperboard Mills

## SIMILAR OCCUPATIONS

- Manufacturer's Service Representative
- Motor Vehicle Assembler;
- Machinery Erector;
- Automated Equipment Engineer-Technician
- Machine Assembler;

## PROGRAMS OF STUDY

- Industrial Machinery Maintenance & Repair
- Industrial Equipment Maintenance & Repair, General

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,253 (in 1993)
  : 1,399 (in 1998)

Average annual number of openings from 1993 to 1998: 81
This trend indicates a 12% change.

FLORIDA VIEW

**Vital Information for Education and Work**

Title: **MINING ENGINEER**
SOC No. 1624200
DOT No. 010.061-014
GOE Interest Area: 05.01 Engineering

## DESCRIPTION

Finds, extracts, and prepares minerals for manufacturing industries to use. Designs underground mines and supervises construction of underground tunnels or mine shaft. Is responsible for mine safety, air ventilation, power, and tool maintenance. May specialize in a particular mineral such as coal or copper.
RELATED EDUCATION PROGRAMS: Mining and Mineral Engineering
EMPLOYERS: Coal, metal, oil and gas mining companies; Architectural and engineering firms.
MORE INFORMATION: The Society of Mining Engineers of America; Caller Number D; Littleton, CO 80127 ** Special Note ** Florida Statute requires licensure regulated by the Department of Professional Regulation.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.
- noise and vibrations.
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • overtime work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- seeing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 010.061-014 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES - The following aptitudes are associated with this occupatio

(1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- scientific or technical work.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- dealing with people.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Agricultural Chemicals
- Telephone Communication
- Justice, Public Order and Safety

## SIMILAR OCCUPATIONS

- Research Engineer, Mining and Oil Well Engineer
- Design Engineer, Mining and Oilfield Equipment
- Test Engineer, Mining and Oil Well Equipment
- Mine Safety Engineer;

## PROGRAMS OF STUDY

- Mining & Mineral Engineering

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

| | | |
|---|---|---|
| • Projected number of employees: | 277 (in 1993) |
| | : | 299 (in 1998) |

Average annual number of openings from 1993 to 1998: 16
This trend indicates a 8% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: MODEL
SOC No. 4450100
DOT No. 297.667-014
GOE Interest Area: 01.08 Modeling

## DESCRIPTION

Poses as a subject for paintings, sculptures and photographs. Also wears and displays clothes and accessories at fashion shows. Poses and walks as directed. Wears special make up and hair styles to emphasize features and clothes.

RELATED EDUCATION PROGRAMS: Fashion Modeling.

EMPLOYERS: Fashion houses; Retail stores; Modeling agencies; Self-employed.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 297.667-014 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Artistic - includes artistic, musical, and some writing occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

VIEW No. 234

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- dealing with people.
- influencing people.
- expressing feelings and ideas.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Personnel Supply Services
- Self-employed
- Department Stores

## SIMILAR OCCUPATIONS

- Actor;
- Costumer;
- Artists' Model;
- Photographer's Model;

## PROGRAMS OF STUDY

- Small Business Management & Ownership
- Business & Personal Services Marketing, General
- Fashion Merchandising
- Apparel & Accessories Marketing, General
- Apparel & Accessories Marketing, Other
- Fashion Modeling

## EDUCATION LEVEL

- no standard educational requirements

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,739 (in 1993)
  : 1,963 (in 1998)

Average annual number of openings from 1993 to 1998: 163
This trend indicates a 13% change.

FLORIDA VIEW

**Vital Information for Education and Work**

Title: **MOLDING OR CASTING MACHINE OPERATOR OR SETTER, METAL**
SOC No. 7542100
DOT No. 502.682-014
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Operates or tends machines used to mold or cast metal products such as pipes and parts. May also control equipment used to heat, melt, or cure materials before casting. Follows blueprints or work orders. May weigh and mix materials.

RELATED EDUCATION PROGRAMS: Foundry work. On-the-job training.

EMPLOYERS: The largest employers produce primary metals. Other large employers make machinery and electrical/electronic equipment.

MORE INFORMATION: The National Tooling and Machining Association; 9300 Livingston Rd; Ft. Washington, MD 20744

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme heat.
- dust, fumes, odors, poor ventilation.
- risk of injury.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 502.682-014 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- abstract and creative work.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Surgical, Medical, Dental Instruments & Supplies
- Electronic Components and Accessories
- Miscellaneous Fabricated Metal Products

## SIMILAR OCCUPATIONS

- Die-Casting Machine Setter;
- Caster;
- Rotor Casting Machine Operator;
- Bullet Casting Operator;
- Setter, Molding and Coremaking Machine;

## PROGRAMS OF STUDY

- Machine Tool Operation/Machine Shop
- Precision Metal Work, General

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 390 (in 1993)
  : 436 (in 1998)

Average annual number of openings from 1993 to 1998: 17
This trend indicates a 12% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**
Title: **MOTION PICTURE PROJECTIONIST**
SOC No. 7479100
DOT No. 960.362-010
GOE Interest Area: 05.10 Crafts

## DESCRIPTION

Sets up and operates motion picture projection and sound-reproducing equipment to produce coordinated effects on screen. Threads film through projector and runs machine to project picture on screen. Cleans and oils equipment.
RELATED EDUCATION PROGRAMS: Operation, Maintenance and Repair of Audio-visual Equipment. On-the-job training.
EMPLOYERS: Motion Picture Theaters

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 960.362-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Motion Picture Production and Allied Services
- Business Associations
- Motion Picture Theaters

## SIMILAR OCCUPATIONS

- Media Specialist, School Library;
- Planetarium Technician;
- Audio-Visual Technician;

## PROGRAMS OF STUDY

- Educational Media Technology
- Electromechanical, Hydraulic, & Pneumatic Repair

## EDUCATION LEVEL

- 11 to 13 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 369 (in 1993)
  : 399 (in 1998)

Average annual number of openings from 1993 to 1998: 32
This trend indicates a 8% change.

VIEW No. 236

FLORIDA
# VIEW

Vital Information for Education and Work
Title: **MOTORBOAT OPERATOR**
SOC No. 8242100
DOT No. 911.663-010
GOE Interest Area: 05.08 Land and Water Vehicle Operation

## DESCRIPTION

Operates motor-driven boat to carry passengers and freight. Takes depth sounding. Casts off securing lines, maintains equipment, services motor, cleans and repairs boat. May tune up engine. May direct loading and seating in boat.
RELATED EDUCATION PROGRAMS: Barge and Boat Operation; Military services; On-the-job training.
EMPLOYERS: Commercial shipping companies; Ferry boat and riverboat companies; Military services.
MORE INFORMATION: US Maritime Administration, 15th and E Streets NW, Washington, D.C. 20230. Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.
- damp or wet.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 911.663-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Water Transportation Service
- Federal Government
- Local Water Transportation

## SIMILAR OCCUPATIONS

- Tugboat Captain;
- Barge Captain
- Boat Operator/Enl (Mil);
- Ferryboat Operator;
- Dock Hand;

## PROGRAMS OF STUDY

- Sailors & Deckhands
- Barge & Boat Operation
- Marine Maintenance

## EDUCATION LEVEL

- no standard educational requirements

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 89 (in 1993)
  : 97 (in 1998)

Average annual number of openings from 1993 to 1998: 5
This trend indicates a 9% change.

FLORIDA
# VIEW
Vital Information for Education and Work

**Title: MOTORCYCLE REPAIRER**
SOC No. 6114100
DOT No. 620.281-054
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Repairs and overhauls motorcycles, motor scooters, and similar motor vehicles. Obtains a description of the problem from the owner. Operates equipment to determine mechanical and electrical problems. Adjusts, replaces or repairs parts as necessary. Uses handtools and powertools.

RELATED EDUCATION PROGRAMS: Small Engine Repair. On-the-job training.

EMPLOYERS: Motorcycle dealers; Self-employed.

MORE INFORMATION: Motor and Equipment Manufacturers' Association; Technical Training Council; 300 Sylvan Ave; Englewood Cliffs, NY 07632-0638

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • weekend work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 620.281-054 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Motor Vehicle Dealers (New and Used)
- Self-Employed
- Motorcycle Dealers

## SIMILAR OCCUPATIONS

- Motorcycle Subassembly Repairer;
- Supervisor, Motorcycle Repair Shop;
- Motorcycle Tester;
- Electric Golf Cart Repairer;
- Motorcycle Assembler;

## PROGRAMS OF STUDY

- Small Engine Repair
- Automotive Mechanics

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 742 (in 1993)
  : 833 (in 1998)

Average annual number of openings from 1993 to 1998: 53
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **MOVIE AND TV CAMERA OPERATOR**
SOC No. 3260300
DOT No. 143.062-022
GOE Interest Area: 01.02 Visual Arts

### DESCRIPTION

Films actual or simulated scenes using television or motion picture video equipment. Sets up and operates equipment including cameras, sound recorders, and lighting. Operates television cameras in TV studios and remote sites.
RELATED TRAINING PROGRAMS: Motion Picture Technology; Radio and Television Production and Broadcasting Technology; Video Technology; Military.
EMPLOYERS: Television and motion picture studios; Military services.
MORE INFORMATION: Local television station; Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing differences in color.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 143.062-022 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Artistic - includes artistic, musical, and some writing occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- studying people or communicating ideas.
- working on or producing things.
- abstract and creative work.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- meeting strict standards.
- expressing feelings and ideas.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Radio and Television Broadcasting Stations
- Motion Picture Production and Allied Services
- Communications Services, not Elsewhere Classified

### SIMILAR OCCUPATIONS

- Photographer;
- Photographer/Enl (Mil);
- Optical Effects Camera Operator;
- Camera Operator, Animation;
- Motion Picture Camera Operator/Enl (Mil)
- Director of Photography;

### PROGRAMS OF STUDY

- Radio/Television Production & Broadcasting Technology
- Visual and Performing Arts, Other
- Video Technology
- Educational Media Technology
- Motion Picture Technology

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 781 (in 1993) |
| : | 956 (in 1998) |

Average annual number of openings from 1993 to 1998: 67
This trend indicates a 22% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: MUNICIPAL CLERK
SOC No. 4799300
DOT No. 243.367-018
GOE Interest Area: 07.01 Administrative Detail

## DESCRIPTION

**Performs clerical and administrative duties for a municipal government. Prepares agendas and bylaws for town or city councils, records minutes of council meetings, answers correspondence, keeps fiscal records and prepares reports.**

RELATED EDUCATION PROGRAMS: Secretarial; Executive Secretarial; Legal Secretarial.

EMPLOYERS: Local governing boards of towns, counties and other municipalities.

MORE INFORMATION: City or County Personnel Offices.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 243.367-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- detailed, organized work following set sequence.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy

## SIMILAR OCCUPATIONS

- Administrative Secretary;
- Court Clerk;
- Administrative Assistant;

## PROGRAMS OF STUDY

- Receptionist & Communication Systems Operation
- Secretarial
- Legal Secretarial
- General Office Clerk
- Typing, General Office, & Related Programs, General

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

• Projected number of employees: 626 (in 1993)
: 702 (in 1998)

Average annual number of openings from 1993 to 1998: 39
This trend indicates a 12% change.

VIEW No. 240

FLORIDA

# VIEW

Vital Information for Education and Work
Title: **MUSIC CONDUCTOR**
SOC No. 3230200
DOT No. 152.047-018
GOE Interest Area: 01.04 Performing Arts: Music

## DESCRIPTION

Plans and directs activities of personnel in studio music department and conducts instrumental performance. Auditions and selects members of the group. Positions members to get balance, dynamics, and tempo. Uses knowledge of conducting.
RELATED EDUCATION PROGRAMS: Music
EMPLOYERS: Bands; Orchestras; Opera companies; Colleges and universities; High schools; Recording studios; Military services.
MORE INFORMATION: American Symphony Orchestra League, 633 E St, NW, Washington, D.C. 20004. Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 152.047-018 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(4) Diverting: Amusing others. Saying or doing things that people find interesting. May work on stage, radio, TV or movies.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Artistic - includes artistic, musical, and some writing occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.
- abstract and creative work.

## TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- dealing with people.
- expressing feelings and ideas.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Religious Organizations
- Self-employed
- Theatrical Producers (Ex. Motion Picture), Bands, Orchestras

## SIMILAR OCCUPATIONS

- Band Manager/Off (Mil);
- Director, Music Professional;
- Choral Director;
- Conductor, Orchestra;

## PROGRAMS OF STUDY

- Music, Other
- Music, General
- Music Performance
- Music History & Appreciation
- Music Theory and Composition

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 7,528 (in 1993)
  : 8,524 (in 1998)

Average annual number of openings from 1993 to 1998: 712
This trend indicates a 13% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: NEW ACCOUNTS CLERK**
**SOC No. 4642200**
**DOT No. 205.362-026**
GOE Interest Area: 07.04 Oral Communications

## DESCRIPTION

Talks to people who want to open checking or savings accounts. Explains banking services to customers and helps them fill out application forms. Compiles, types, and files lists of new accounts. Prepares signature cards for account. May enter new account information into a computer.

RELATED EDUCATION PROGRAMS: Teller; On-the-job training
EMPLOYERS: Banks; Savings and Loan Associations.
MORE INFORMATION: American Bankers Association; 1120 Connecticut Ave NW; Washington, D.C. 20036.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 205.362-026 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS - You would like:

- business contact with people.
- detailed, organized work following set sequence.
- studying people or communicating ideas.

## TEMPERAMENTS - You would like work with:

- dealing with people.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Personal Credit Institutions
- Non-depository Credit Institutions
- Commercial and Stock Savings

## SIMILAR OCCUPATIONS

- Charge Account Clerk;
- Loan Interviewer;
- License Clerk
- Credit Clerk;
- Bank Teller;

## PROGRAMS OF STUDY

- Accounting, Bookkeeping & Related Programs, General
- Teller
- Accounting, Bookkeeping & Related Programs, Other

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 12,649 (in 1993)
  : 14,391 (in 1998)

Average annual number of openings from 1993 to 1998: 868
This trend indicates a 14% change.

VIEW No. 242

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **NEWSCASTER**
SOC No. 3313300
DOT No. 131.267-010
GOE Interest Area: 11.08 Communications

### DESCRIPTION

Analyzes and broadcasts news stories received from various sources. Examines news items of local, national, and international interest. Prepares and helps in the preparation of the script. Presents news over radio or television.
RELATED EDUCATION PROGRAMS: Journalism. (Mass Communications); Radio/Television News Broadcast.
EMPLOYERS: TV and radio networks; Local TV and radio stations.
MORE INFORMATION: National Association of Broadcasters; 1771 N St. NW; Washington, D.C. 20036

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 131.267-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- business contact with people.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- decisions based on personal judgment.
- influencing people.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Communications Services, not Elsewhere Classified
- Radio and Television Broadcasting Stations

### SIMILAR OCCUPATIONS

- Critic;
- Newswriter;
- Radio and Television Announcer;
- Reporter or Correspondent;

### PROGRAMS OF STUDY

- Communications, General
- Radio/Television, General
- Radio/Television News Broadcast
- Journalism (Mass Communications)
- Communications Research
- Composition
- English, General
- Radio/Television Production & Broadcasting Technology
- Communications, Other
- Telecommunications
- Technical & Business Writing
- Speech, Debate, & Forensics
- Creative Writing

### EDUCATION LEVEL

- Undergraduate Degree.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 667 (in 1993)
  : 781 (in 1998)

Average annual number of openings from 1993 to 1998: 51
This trend indicates a 17% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: NUCLEAR ENGINEER
SOC No. 1627000
DOT No. 015.061-014
GOE Interest Area: 05.01 Engineering

## DESCRIPTION

Studies the development and uses of nuclear power. Designs, develops, and tests equipment that is used to release, control, and generate electricity using nuclear power. May supervise the operation of a nuclear power plant.

RELATED EDUCATION PROGRAMS: Nuclear Engineering.

EMPLOYERS: Federal government engineering consulting companies; Public utilities; Military services.

MORE INFORMATION: American Nuclear Society; 555 North Kensington Ave., Lagrange Park, Illinois 60525. Military Recruiting Office. ** Special Note ** Florida Statute requires licensure regulated by the Department of Professional Regulations.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 015.061-014 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 1 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.
- abstract and creative work.

## TEMPERAMENTS - You would like work with:

- taking responsibility.
- dealing with people.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Electric Services
- Telephone Communication
- Miscellaneous Business Services

## SIMILAR OCCUPATIONS

- Nuclear-Fuels Reclamation Engineer;
- Nuclear Plant Technical Advisor;
- Nuclear-Criticality Safety Engineer;
- Radiation-Protection Engineer;
- Nuclear Engineer/Off (Mil);
- Design Engineer, Nuclear Equipment;

## PROGRAMS OF STUDY

- Nuclear Engineering

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $33,000 to $39,999 pear year (up to $20.41 per hour)

## FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 604 (in 1993) |
| : | 677 (in 1998) |

Average annual number of openings from 1993 to 1998: 21
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **NUCLEAR MEDICINE TECHNOLOGIST (N/E)**
SOC No. 3650000
DOT No. 078.361-018
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

### DESCRIPTION

Prepares, mixes, and measures radioactive drugs used to diagnose or treat disease. Calculates doses to be administered as prescribed by Physician or Radiologist. Keeps records of patient procedures, testing, and results. May work in a hospital, medical laboratory, physician's office, or clinic.
RELATED EDUCATION PROGRAMS: Nuclear Medical Technology. Certification required
EMPLOYERS: Most work in hospitals
MORE INFORMATION: The Society of Nuclear Medicine; Technologists Section; Madison Ave; New York, NY 10016-6760. **SPECIAL NOTE** Florida Statute requires licensure regulated by Dept. of Health & Rehabilitative Services.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 078.361-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working to improve social conditions.
- working on or producing things.
- working with machines, process or techniques.
- scientific or technical work.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Offices of Physicians
- Hospitals
- Offices and Clinics of Other Health Practitioners

### SIMILAR OCCUPATIONS

- Nuclear Pharmacist (N/E);
- Radiation-Therapy Technologist;
- Chief Technologist, Nuclear Medicine;
- Radiologic Technologist (N/E);

### PROGRAMS OF STUDY

- Nuclear Medical Technology
- Nuclear Power Plant Radiation Control Technology

### EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

### AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 718 (in 1993)
  : 846 (in 1998)

Average annual number of openings from 1993 to 1998: 32
This trend indicates a 18% change.

FLORIDA
VIEW
Vital Information for Education and Work
Title: NUCLEAR TECHNICIAN/TECHNOLOGIST
SOC No. 3832300
DOT No. 015.261-010
GOE Interest Area: 02.04 Laboratory Technology

## DESCRIPTION

Operates nuclear test and research equipment. Assists scientists in testing ways to use nuclear energy. May operate remote control devices to move radioactive material or to expose other materials to radiation. May use a computer to test nuclear materials, or measure levels of radiation.

RELATED EDUCATION PROGRAMS: Nuclear Materials Handling Technology; Nuclear Power Plant Radiation Control Technology

EMPLOYERS: US Department of Energy; Nuclear power plants; Nuclear research laboratories.

MORE INFORMATION: American Nuclear Society; 55 N. Kensington Ave; Lagrange Park, IL 60525

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 015.261-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Services, not Elsewhere Classified
- Personnel Supply Services
- Miscellaneous Business Services

## SIMILAR OCCUPATIONS

- Nuclear Plant Instrument Technician;
- Gamma-Facilities Operator;
- Hot-Cell Technician;
- Radiation Monitor;
- Chemical Radiation Technician;
- Acceleration Operator;

## PROGRAMS OF STUDY

- Nuclear Materials Handling Technology
- Nuclear Power Plant Operation Technology
- Nuclear Technologies, Other
- Radiologic (Physical) Technology
- Nuclear Power Plant Radiation Control Technology

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 284 (in 1993)
  : 340 (in 1998)

Average annual number of openings from 1993 to 1998: 18
This trend indicates a 20% change.

VIEW No. 246

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **NUMERICAL CONTROL MACHINE SET-UP OPERATOR**
SOC No. 7326100
DOT No. 609.662-010
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Sets up and operates machines that can be programmed to cut and shape workpieces automatically. Reads job order and blueprints, selects correct program and installs required tools. Checks finished pieces.

RELATED EDUCATION PROGRAMS: Machine Tool Operation/Machine Shop. On-the-job training.

EMPLOYERS: Largest are manufacturers of machinery. Others make electrical/electronic equipment and aircraft.

MORE INFORMATION: The National Tooling and Machining Association; 9300 Livingston Rd; Ft. Washington, MD 20744

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • overtime work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 609.662-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Industrial and Commercial Equipment
- Guided Missiles and Space Vehicles and Parts
- Aircraft and Parts

## SIMILAR OCCUPATIONS

- Milling Machine Operator, Numerical Control
- Router Set-Up Operator, Numerical Control
- Drill Press Operator, Numerical Control
- Jig-Boring Machine Operator, Numerical Control
- Lathe Operator Numerical Control;
- Shot-Peening Operator, Tape Control;

## PROGRAMS OF STUDY

- Machine Tool Operation/Machine Shop

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,186 (in 1993)
  : 1,344 (in 1998)

Average annual number of openings from 1993 to 1998: 46
This trend indicates a 13% change.

# FLORIDA VIEW

**Vital Information for Education and Work**

Title: **NURSE AIDE OR ORDERLY**
SOC No. 5236100
DOT No. 355.374-014
GOE Interest Area: 10.03 Child and Adult Care

## DESCRIPTION

Answers patient's call-bells. Serves and collects food trays. Adjusts beds. Feeds patients. Sets up equipment. Sits with, bathes, and dresses patients. Takes and records temperature, pulse, and respiration rates. Cleans rooms.

RELATED EDUCATION PROGRAMS: Nursing Assisting; Geriatric Aide. May require certification.

EMPLOYERS: Nursing homes; Hospitals; Social Service agencies; Private homes.

MORE INFORMATION: American Hospital Assoc, Div. of Nursing; 840 N Lake Shore Dr; Chicago, IL 60611

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- rotating shift work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- stooping, kneeling, crouching, or crawling.
- carrying.
- reaching handling, fingering, or feeling.
- speaking.
- seeing.
- walking.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 355.374-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

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## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working to improve social conditions.
- detailed, organized work following set sequence.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- working under stress.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Nursing and Personal Care Facilities
- Personnel Supply Services
- Hospitals

## SIMILAR OCCUPATIONS

- Birth-Attendant;
- Licensed Practical Nurse;
- First-Aid Attendant;

## PROGRAMS OF STUDY

- Home Health Aide
- Nursing Assisting
- Geriatric Aide
- Nursing-Related Services, Other

## EDUCATION LEVEL

- 9 to 12 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 59,064 (in 1993)
  : 72,733 (in 1998)

Average annual number of openings from 1993 to 1998: 5,436
This trend indicates a 23% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **NURSERY WORKER**
SOC No. 5619100
DOT No. 405.687-014
GOE Interest Area: 03.04 Elemental Work: Plants and Animals

### DESCRIPTION

Plants, cultivates, harvests, and cares for trees, shrubs, and flowering plants in a nursery. Prepares the soil. Plants, weeds and waters plants. Harvests, packs, transports, and stores plant crops.

RELATED EDUCATION PROGRAMS: Horticulture; Ornamental Horticulture; On-the-job training.

EMPLOYERS: Lawn and garden services; Retail nurseries; Lawn and garden supply stores.

MORE INFORMATION: American Society for Horticultural Science; 701 N Saint Asaph St; Alexandria, VA 22314

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- extreme heat.
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • seasonal work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- lifting.
- climbing or balancing.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.
- walking.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 405.687-014 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- many changing duties.
- decisions based on personal judgment.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Nondurable Goods
- Agricultural Production-Crops
- Agricultural Services

### SIMILAR OCCUPATIONS

- Farmworker, Bulbs;
- Flower Picker
- Plant-Care Worker;
- Tree Surgeon Helper;
- Horticulture Worker;

### PROGRAMS OF STUDY

- Nursery Operation and Management
- Horticulture, General
- Horticulture, Other
- Ornamental Horticulture

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 4,705 (in 1993)
  : 5,014 (in 1998)

Average annual number of openings from 1993 to 1998: 255
This trend indicates a 7% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **NURSING INSTRUCTOR**
SOC No. 2232205
DOT No. 075.121-010
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

### DESCRIPTION

Teaches nursing students about the principles and skills of nursing. Prepares lectures and the materials for teaching. Teaches about nursing procedures and how to apply the procedures to job situations. Tells about the physical, biological, and psychological subjects that relate to nursing. Keeps records of the students' classroom and medical experience. SPECIAL NOTE** The state of Florida requires a license for this occupation.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- hearing.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 075.121-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 6 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- directing or organizing, or activities resulting in recognition.
- scientific or technical work.
- studying people or communicating ideas.
- working to improve social conditions.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Colleges, Universities, Professional Schools, and Junior Colleges
- Nursing and Personal Care Facilities
- Hospitals

### SIMILAR OCCUPATIONS

- Nurse, General Duty;
- Nurse Supervisor;
- Nurse, Head;

### PROGRAMS OF STUDY

- Nursing-Related Services, Other

### EDUCATION LEVEL

- Undergraduate Degree.

### AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,376 (in 1993)
  : 1,585 (in 1998)

Average annual number of openings from 1993 to 1998: 87
This trend indicates a 15% change.

# FLORIDA VIEW

**Vital Information for Education and Work**

Title: **OCCUPATIONAL THERAPIST (N/E)**
SOC No. 3032100
DOT No. 076.121-010
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

## DESCRIPTION

Plans and directs educational, vocational, and recreational activities to help patients with physical, mental or emotional problems become self-sufficient. Teaches skills and the use of tools to restore clients' movement and coordination. May work in a hospital or treatment center.

RELATED EDUCATION PROGRAMS: Occupational Therapy license required. Accredited by CAHEA.

EMPLOYERS: Hospitals, Schools; Rehabilitation centers; Self-employed; Military services.

MORE INFORMATION: American Occupational Therapy Assoc, 1383 Piccard Dr, Rockville, MD 20850. Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 076.121-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working to improve social conditions.
- studying people or communicating ideas.
- scientific or technical work.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- dealing with people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hospitals
- Offices and Clinics of Other Health Practitioners
- Self-employed

## SIMILAR OCCUPATIONS

- Occupational Therapist/Off (Mil);
- Orthotic Specialist/Enl (Mil);
- Industrial Therapist;
- Manual Arts Therapist;
- Horticultural Therapist;
- Occupational Therapy Assistant (N/E);

## PROGRAMS OF STUDY

- Occupational Therapy

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,412 (in 1993)
  : 1,710 (in 1998)

Average annual number of openings from 1993 to 1998: 95
This trend indicates a 21% change.

FLORIDA
# VIEW
Vital Information for Education and Work

**Title: OCCUPATIONAL THERAPY ASSISTANT (N/E)**
**SOC No.** 5233100
**DOT No.** 076.364-010
**GOE Interest Area:** 10.02 Nursing, Therapy, & Specialized Teaching Services

## DESCRIPTION
Assists in conducting occupational therapy programs in hospitals, extended care facilities and similar establishments for people with physical, developmental, or emotional disorders.

EMPLOYERS: Hospitals; Rehabilitation centers; Nursing and personal care facilities; Military services
MORE INFORMATION: American Occupational Therapy Assoc; 1383 Piccard Dr, Rockville, MD 20850 Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS
The physical demands for this occupation ar
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- stooping, kneeling, crouching, or crawling.
- carrying.
- lifting.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- walking.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 076.364-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and reporting the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way that they understand.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

VIEW No. 252

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

INTERESTS - You would like:
- studying people or communicating ideas.
- working to improve social conditions.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on personal judgment.
- dealing with people.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Hospitals
- Nursing and Personal Care Facilities
- Offices and Clinics of Other Health Practitioners

## SIMILAR OCCUPATIONS
- Physical Therapy Assistant (N/E);
- Occupational Therapist (N/E);
- Occupational Therapy Specialist/Enl (Mil)

## PROGRAMS OF STUDY
- Occupational Therapy Assisting

## EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK
| | |
|---|---|
| • Projected number of employees: | 310 (in 1993) |
| : | 381 (in 1998) |

Average annual number of openings from 1993 to 1998:
This trend indicates a 23% change.

FLORIDA
# VIEW

**Vital Information for Education and Work**
Title: **OFFICE MACHINE AND CASH REGISTER SERVICER**
SOC No. 6174000
DOT No. 633.281-018
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Installs, services, and repairs office machines, such as typewriters, adding machines, cash registers, and copiers. Uses handtools, powertools, blueprints, and electrical test equipment. May specialize in one type of machine.
RELATED EDUCATION PROGRAMS: Business Machine Repair. Military services.
EMPLOYERS: Most work for wholesale distributors of office machines; Military services.
MORE INFORMATION: Computer and Business Equipment Manufacturers' Assoc., 311 First St NW; Washington, D.C. 20001. Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 633.281-018 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Business Services
- Machinery, Equipment and Supplies
- Miscellaneous Shopping Goods Stores

## SIMILAR OCCUPATIONS

- Cash-Register Servicer;
- Data Processing Equipment Repairer (N/E)
- Repairer, Typewriter;
- Inspector-Adjuster, Office Machine Components
- Office Machine Repairer/Enl (Mil);

## PROGRAMS OF STUDY

- Business Machine Repair

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 3,055 (in 1993)
  : 3,561 (in 1998)

Average annual number of openings from 1993 to 1998: 210
This trend indicates a 17% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **OFFSET LITHOGRAPHIC PRESS SETTER OR SETUP OPERATOR**
SOC No. 7443100
DOT No. 651.482-010
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Sets up or sets up and operates offset printing press to print single and multicolor copy from lithographic plates. Washes plate to remove protective gum coating. Adjusts controls according to paper thickness. Starts press for production. Reads job order to determine quantity and specifications.

RELATED EDUCATION PROGRAMS: Printing Press Operations. On-the-job training. Military Service.

EMPLOYERS: Commercial printers; Newspapers; Military services.

MORE INFORMATION: Graphic Communications International Union; 1900 L St. NW; Washington, D.C. 20036. Military Recruiting Office. SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 651.482-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Commercial Printing

### SIMILAR OCCUPATIONS

- Lithographic Plate Maker;
- Offset Press Operator I;
- Printing Specialist/Enl (Mil);
- Letterpress Setter or Set-Up Operator
- Printing Press Operator or Setter;

### PROGRAMS OF STUDY

- Graphic & Printing Communications, General

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 5,743 (in 1993)
  : 6,590 (in 1998)

Average annual number of openings from 1993 to 1998: 370
This trend indicates a 15% change.

VIEW No. 254

FLORIDA
VIEW

**Vital Information for Education and Work**

Title: **OIL WELL DRILLER**
SOC No. 6520100
DOT No. 930.382-026
GOE Interest Area: 05.11 Equipment Operation

## DESCRIPTION

Operates gasoline, diesel, electric, or steam draw works to drill oil or gas wells. Observes pressure gauge and moves throttles and levers to control speed of rotary table and regulate pressure of tools at bottom of borehole.

RELATED EDUCATION PROGRAMS: Oil and Gas Drilling Equipment Operation.

EMPLOYERS: Oil companies or independent drillers.

MORE INFORMATION: International Association of Drilling Contractors; 1400 Harwin Dr; Houston, TX 77036

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • work requiring travel. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 930.382-026 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- working under stress.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Crude Petroleum and Natural Gas
- Oil and Gas Field Services

## SIMILAR OCCUPATIONS

- Rotary Driller;
- Rotary Derrick Operator;
- Service Unit Operator, Oil Well;
- Clean Out Driller;
- Prospecting Driller;

## PROGRAMS OF STUDY

- Industrial Equipment Maintenance & Repair, General

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 61 (in 1993)
  : 71 (in 1998)

Average annual number of openings from 1993 to 1998: 4
This trend indicates a 16% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: OPERATING ENGINEER**
SOC No. 8312000
DOT No. 859.683-010
GOE Interest Area: 05.11 Equipment Operation

DESCRIPTION

Operates many different types of machinery to move materials including power cranes, bulldozers, trench diggers and industrial trucks and tractors. Work duties depend upon machinery they operate.

RELATED EDUCATION PROGRAMS: Construction Equipment Operation; Mining Equipment Operation.

EMPLOYERS: Construction contractors and government agencies.

MORE INFORMATION: International Union of Operating Engineers; 1125 17th St, NW; Washington, D.C. 20036. SPECIAL NOTE** Apprenticeship training available.

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- extreme heat.
- noise and vibrations.
- extreme cold.
- risk of injury.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

PRIMARY PHYSICAL ACTIVITIES
- pushing or pulling.
- reaching, handling, fingering, or feeling.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 859.683-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Heavy Construction, Ex. Highways and Streets
- Highway and Street Construction, Ex. Elevated Highways
- Public Finance, Taxation and Monetary Policy

SIMILAR OCCUPATIONS
- Grader and Dozer Operator;
- Excavating and Loading Machine Operator
- Crane and Tower Operator;
- Hoist and Winch Operator;

PROGRAMS OF STUDY
- Construction Equipment Operation
- Vehicle & Equipment Operation, Other

EDUCATION LEVEL
- HS Graduation or 1 to 2 years Comm. Coll. Voc/Tech. or Univ

AVERAGE BEGINNING WAGE
- $17,000 to $21,999 per year (up to $11.22 per hour).

FUTURE OUTLOOK
- Projected number of employees: 6,704 (in 1993)
  : 7,450 (in 1998)

Average annual number of openings from 1993 to 1998: 300
This trend indicates a 11% change.

VIEW No. 256

FLORIDA
VIEW

**Vital Information for Education and Work**
Title: **OPERATION ANALYST/OFF (MIL)**
SOC No. 1721992
DOT No. 020.067-018
GOE Interest Area: 11.01 Mathematics and Statistics

## DESCRIPTION

Studies large and complex problems and solves them using operations research, systems analysis, and computes modeling techniques. Develops research designs for analyzing and evaluating military operations and processes. Solves supply, equipment, and other logistics problems using mathematical models, simulation, and analytical techniques. SPECIAL NOTE** The following services offer this occupation: Army, Navy, Air Force, Marine Corp.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 020.067-018 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 1 S. Spatial Perception
Aptitude 05: 6 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- scientific or technical work.
- abstract and creative work.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- taking responsibility.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Commercial and Stock Savings
- Computer Programming, Data Processing and Related Services
- Miscellaneous Business Services

## SIMILAR OCCUPATIONS

- Systems Researcher or Analyst (N/E);
- Systems Analyst, EDP;
- Operations Research Analyst (N/E);

## PROGRAMS OF STUDY

- Operations Research (Quantitative Methods)
- Management Science, Other
- Systems Science
- Management Science, General

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2703 (in 1993)
  : 3117 (in 1998)

Average annual number of openings from 1993 to 1998: 158
This trend indicates a 15% change.

FLORIDA
# VIEW
**Vital Information for Education and Work**

Title: **OPERATIONS RESEARCH ANALYST (N/E)**
SOC No. 1721000
DOT No. 020.067-018
GOE Interest Area: 11.01 Mathematics and Statistics

## DESCRIPTION
Does research on the management and operations of businesses. Helps to solve such problems as forecasting, inventory control, and, allocation of time and money. Uses mathematical models or computer programs to determine possible solutions and outcomes. Prepares reports that outline different possibilities for managers.
RELATED EDUCATION PROGRAMS: Systems Analysis; Information Sciences and Systems; Systems Efficiency Analysis.
EMPLOYERS: Manufacturers; Consulting firms; Insurance; Military
MORE INFORMATION: Association for Systems Management; 24587 Bagley Road; Cleveland, Ohio 44138

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 020.067-018 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES
Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS - You would like:
- studying people or communicating ideas.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on personal judgment.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Computer Programming, Data Processing and Related Services

## SIMILAR OCCUPATIONS
- Statistician;
- Time-Study Statistician;
- Operation Analyst/Off (Mil);
- Computer Systems Analyst (N/E);

## PROGRAMS OF STUDY
- Management Science, Other
- Systems Analysis
- Operations Research (Quantitative Methods)
- Systems Science
- Management Science, General
- Information Sciences & Systems

## EDUCATION LEVEL
- Undergraduate Degree.

## AVERAGE BEGINNING WAGE
- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK
| | |
|---|---|
| • Projected number of employees: | 2703 (in 1993) |
| : | 3117 (in 1998) |

Average annual number of openings from 1993 to 1998: 158
This trend indicates a 15% change.

VIEW No. 258

FLORIDA VIEW

Vital Information for Education and Work

Title: **OPTICAL GOODS WORKER**
SOC No. 6864000
DOT No. 716.280-008
GOE Interest Area: 05.05 Craft Technology

DESCRIPTION

Cuts, grinds and polishes eyeglasses and contact lenses according to prescriptions. Puts lenses into frames. Uses precision machines and equipment such as special lathes. May also make telescopes and gunsights.
RELATED EDUCATION PROGRAMS: Ophthalmic Dispensing; Ophthalmic Laboratory Technology. Military services.
EMPLOYERS: Eyeglasses stores, Manufacturers of optical instruments; Military services. MORE INFORMATION: Opticians Association of America; P.O. Box 10110; Fairfax, VA 22030. Military Recruiting Office. **SPECIAL NOTE** Apprenticeship training available. ** Special Note ** Florida statute requires licensure regulated by the Department of Professional Regulation.

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 716.280-008 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Medical and Dental Laboratories
- Optical Instruments and Lenses
- Ophthalmic Goods

SIMILAR OCCUPATIONS
- Lens Polisher, Hand;
- Optician, Dispensing and Measuring;
- Lathe Operator, Contact Lens;
- Optician/Enl (Mil);
- Dental Laboratory Technician;
- Precision Lens Grinder;

PROGRAMS OF STUDY
- Optometric Technology
- Optical Technology
- Ophthalmic Services, Other

EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK
- Projected number of employees: 1,526 (in 1993)
  : 1,743 (in 1998)

Average annual number of openings from 1993 to 1998: 89
This trend indicates a 14% change.

FLORIDA
VIEW
Vital Information for Education and Work

**Title: OPTICIAN, DISPENSING AND MEASURING**
SOC No. 4490100
DOT No. 299.474-010
GOE Interest Area: 05.10 Crafts

## DESCRIPTION

Designs, fits and adapts lenses and frames according to optical prescription. Recommends specific lenses for safety and efficiency. Assists client in selecting frames. May measure client's bridge, eye size, temple length, or cornea. Provides instructions to optical lab to grind and fit lens to frame.
RELATED EDUCATION PROGRAMS: Ophthalmic Dispensing. On-the-job training.
Apprenticeship available. License may be required. Certification available.
EMPLOYERS: Optometrists; Stores that sell eyeglasses.
MORE INFORMATION: Opticians Association of America; 10341 Democracy Lane; P.O. Box 10110; Fairfax, VA 22030.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 299.474-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- business contact with people.
- working to improve social conditions.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- decisions based on personal judgment.
- dealing with people.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Offices of Physicians
- Offices and Clinics of Other Health Practitioners
- Retail Stores, not Elsewhere Classified

## SIMILAR OCCUPATIONS

- Optometrist;
- Optometric Assistant;
- Optical Goods Worker;
- Optician/Enl (Mil);

## PROGRAMS OF STUDY

- Optical Technology
- Ophthalmic Services, Other
- Optometric Technology
- Ophthalmic Dispensing

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,165 (in 1993)
  : 2,553 (in 1998)

Average annual number of openings from 1993 to 1998: 174
This trend indicates a 18% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **OPTOMETRIST**
SOC No. 2810000
DOT No. 079.101-018
GOE Interest Area: 02.03 Medical Sciences

## DESCRIPTION

Examine patient's eyes to diagnose and treat vision problems. Also tests for depth perception, ability to focus, and color perception. Prescribes and fits eyeglasses and contact lenses. Recommends treatment for eyes such as exercises and visual training to save or improve the vision. Counsels patients about good vision care.
RELATED EDUCATION PROGRAMS: Optometry. License required.
EMPLOYERS: Self-employed; Military Services; Vision care centers; Clinics; Hospitals.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 079.101-018 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(0) Mentoring: Helping people deal with problems. May give legal, scientific, clinical, spiritual, or other professional advice.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- directing or organizing, or activities resulting in recognition.
- scientific or technical work.
- working to improve social conditions.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- dealing with people.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Offices and Clinics of other Health Practitioners
- Offices of Physicians

## SIMILAR OCCUPATIONS

- Optometric Technician/Enl (Mil);
- Optometric Assistant;
- Optometrist/Off (Mil));
- Ophthalmologist;
- Optical Goods Worker;

## PROGRAMS OF STUDY

- Optometry

## EDUCATION LEVEL

- 5 or more years University.

## AVERAGE BEGINNING WAGE

- $40,000 to $49,999 per year (up to $25.50 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,067 (in 1993)
  : 1,271 (in 1998)

Average annual number of openings from 1993 to 1998: 109
This trend indicates a 19% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

**Title: ORDER CLERK, MERCHANDISE, MATERIALS, AND SERVICE**
SOC No. 4664200
DOT No. 249.367-054
GOE Interest Area: 07.05 Records Processing

## DESCRIPTION

Processes requests from customers for products, materials, or services such as repair or installation. May receive orders by mail, phone, or order form. Contacts customers to inform them of receipt of order, estimated shipping date and price. May respond to customer complaints.

RELATED EDUCATION PROGRAMS: General Office Clerk. On-the-job training.

EMPLOYERS: This occupation is found in many industries. Some of the largest include wholesale distributors, department stores and telephone companies.

MORE INFORMATION: Local State Job Service Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 249.367-054 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- detailed, organized work following set sequence.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Department Stores
- Personnel Supply Services
- Machinery, Equipment and Supplies

## SIMILAR OCCUPATIONS

- Order-Control Clerk, Bloodbank;
- Contact Clerk
- Order Clerk, Food and Beverage;
- Film Rental Clerk;
- Order Detailer;

## PROGRAMS OF STUDY

- Warehouse Services Marketing
- Typing, General Office, & Related Programs, General

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 14,582 (in 1993)
  : 16,683 (in 1998)

Average annual number of openings from 1993 to 1998: 800
This trend indicates a 14% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **ORDER FILLER, SALES**
SOC No. 4754100
DOT No. 222.487-014
GOE Interest Area: 05.09 Material Control

## DESCRIPTION

Fills customers' mail and telephone order and marks price of merchandise on order form. May use a computer program to track inventory, compute prices of items, or keep records of outgoing orders. May request additional material, supplies, or equipment to replace merchandise that has been shipped.

RELATED EDUCATION PROGRAMS: Shipping, Receiving, and Stock Clerk; On-the-job training.

EMPLOYERS: Most wholesale and retail trade establishments.

MORE INFORMATION: Local Office of the State Job Service.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 222.487-014 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Groceries and Related Products
- Hardware, Plumbing, and Heat
- Machinery, Equipment and Supplies

## SIMILAR OCCUPATIONS

- Distributing Clerk;
- Stock Control Clerk;
- Merchandise Distributor;
- Shipping Order Clerk;

## PROGRAMS OF STUDY

- Typing, General Office, & Related Programs, General
- Warehouse Services Marketing
- Typing, General Office, & Related Programs, Other

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 9,359 (in 1993)
  : 10,646 (in 1998)

Average annual number of openings from 1993 to 1998: 585
This trend indicates a 14% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: PACKAGING AND FILLING MACHINE OPERATOR**
SOC No. 7662100
DOT No. 920.685-078
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION

Operates or tends machines such as preservative filling machines, wrapping machines, or stuffing machines. May fill medicine capsules, stuffed toys, package food, or tobacco products. Loads materials. Sets controls, and clears machine jams if necessary.

RELATED EDUCATION PROGRAMS: On-the-job training.

EMPLOYERS: This occupation is found in many industries. The largest include food product manufacturers and makers of chemicals and related products.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- rotating shift work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 920.685-078 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Beverages
- Canned, Frozen, and Preserved Fruits and Vegetables
- Meat Products

## SIMILAR OCCUPATIONS

- Cotton Baler;
- Linking Machine Operator;
- Packer, Operator, Automatic;
- Fruit Grader Operator;
- Tying Machine Operator;
- Case Packer and Sealer;

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 8013 (in 1993)
  : 8553 (in 1998)

Average annual number of openings from 1993 to 1998: 504
This trend indicates a 70% change.

VIEW No. 264

F L O R I D A

# VIEW

## Vital Information for Education and Work

Title: **PAINTER OR PAPERHANGER**
SOC No. 6442100
DOT No. 840.381-010
GOE Interest Area: 05.10 Crafts

### DESCRIPTION

Painter paints walls, equipment, buildings, or other surfaces. Prepares surface by sanding or scraping off old paint. Uses brushes, roller, or spray gun. Paperhanger covers walls or other surfaces with wallpaper or fabric. Measures area and cuts paper to fit.
RELATED EDUCATION PROGRAMS: On-the-job training; Paint and Decoration.
EMPLOYERS: Employed in many industries; half for special trade construction contractors in painting and paperhanging; Self-employed.
MORE INFORMATION: International Brotherhood of Painters and Allied Trades; 1750 New York, NW; Washington, D.C. 20006, **SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.
- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- lifting.
- standing for a long time.
- carrying.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 840.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

APTITUDES - The following aptitudes are associated with this occupatio
(1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Painting, and Paper Hanging
- Self-employed
- General Building Contractors - Nonresidential

### SIMILAR OCCUPATIONS

- Painter, Stage Settings;
- Billposter, Any Industry;
- Painter, Transportation Equipment;
- Glass Tinter;
- Painter, Shipyard;

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 36,791 (in 1993)
  : 41,940 (in 1998)

Average annual number of openings from 1993 to 1998: 2,573
This trend indicates a 14% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **PAINTER, TRANSPORTATION EQUIPMENT**
SOC No. 7669100
DOT No. 845.381-014
GOE Interest Area: 05.10 Crafts

### DESCRIPTION

Paints surfaces of equipment, such as automobiles, buses, and airplanes. Removes old paint and prepares surface. Positions stencil, following blueprints. Paints using spray gun or brush. May mix colors to match original body paint.

RELATED EDUCATION PROGRAMS: Automotive Body Repair. On-the-job training.

EMPLOYERS: Manufacturers of transportation equipment; Automotive repair shops; Automobile dealers; Self-employed.

MORE INFORMATION: Automotive Service Industry Association; 444 North Michigan Ave; Chicago, IL 60611

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- lifting.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 845.381-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Automobile Repair Shops
- Ship and Boat Building and Repairing
- Self-employed

### SIMILAR OCCUPATIONS

- Railroad Car Letterer;
- Painting Machine Setter or Operator;
- Painter, Sprayer I;
- Painter Helper, Automotive;
- Painter, Shipyard;

### PROGRAMS OF STUDY

- Automotive Body Repair

### EDUCATION LEVEL

- 11 to 13 years education.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 3,431 (in 1993)
  : 3,908 (in 1998)

Average annual number of openings from 1993 to 1998: 184
This trend indicates a 14% change.

FLORIDA VIEW

Vital Information for Education and Work

Title: **PAINTING MACHINE SETTER OR OPERATOR**
SOC No. 7669200
DOT No. 599.382-010
GOE Interest Area: 06.02 Production Work

### DESCRIPTION

Sets up and operates machines used to coat, paint, or spray objects. Works on products such as food products, glassware, metal, and paper. Weighs, measures, and mixes ingredients. Fills machine with solution and operates.

RELATED EDUCATION PROGRAMS: On-the-job training.

EMPLOYERS: This occupation is found in many industries. Some of the largest are fabricated metal plants, furniture manufacturers, and lumber and wood companies.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 599.382-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Fabricated Structural Metal Products
- Miscellaneous Plastics Products
- Household Furniture

### SIMILAR OCCUPATIONS

- Glazing Machine Operator;
- Abrasive Coating Machine Operator;
- Spray-Machine Operator;
- Seed Pelleter
- Silvering Applicator;
- Waxing Machine Operator;

### PROGRAMS OF STUDY

- Painting & Decorating

### EDUCATION LEVEL

- 11 to 13 years education.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,742 (in 1993)
  : 1,941 (in 1998)

Average annual number of openings from 1993 to 1998: 84
This trend indicates a 11% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

**Title: PAPER GOODS MACHINE SETTER**
SOC No. 7478100
DOT No. 649.380-010
GOE Interest Area: 06.01 Production Technology

DESCRIPTION

Sets up or sets up and operates machines that cut, stitch, box, corrugate, saw, band, wrapping, boxing, or seal. Paper or paper products are converted into napkins, towels, bags, tubing, toilet tissue, envelopes, or containers.

RELATED EDUCATION PROGRAMS: On-the-job training.

EMPLOYERS: Pulp and paper mills; Converted paper product plants; Makers of paperboard containers and boxes.

MORE INFORMATION: American Paper Institutes; 260 Madison Ave; New York, NY 10016

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

PRIMARY PHYSICAL ACTIVITIES
- lifting.
- carrying.
- standing for a long time.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 649.380-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Paperboard Container and Boxes
- Miscellaneous Converted Paper
- Newspapers: Publishing or Printing

SIMILAR OCCUPATIONS
- Box Folding Machine Operator;
- Tablet Making Machine Operator;
- Paper Core Machine Tender;
- Bag Machine Operator;
- Book Trimmer;
- Paper Cutter;

PROGRAMS OF STUDY
- information not available at this time

EDUCATION LEVEL
- 11 to 13 years education.

AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK

• Projected number of employees: 2,268 (in 1993)
: 2,360 (in 1998)

Average annual number of openings from 1993 to 1998: 86
This trend indicates a 4% change.

VIEW No. 268

FLORIDA VIEW

Vital Information for Education and Work

Title: **PARKING LOT ATTENDANT**
SOC No. 8740000
DOT No. 915.473-010
GOE Interest Area: 09.04 Customer Services

### DESCRIPTION

Helps customers park their cars at a parking lot. May park cars for customers or direct them to parking place. Tags cars, calculates parking charge, and collects money. May work at a parking lot or storage garage.
RELATED TRAINING: On-the-job. Driver's license required.
EMPLOYERS: Parking lots; Commercial sports; Hotels; Restaurants.
MORE INFORMATION: State Job Service Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- damp or wet.
- extreme cold.
- extreme heat.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.
- walking.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 915.473-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.

### TEMPERAMENTS - You would like work with:

- repeating set tasks.
- dealing with people.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Personal Services
- Automobile Parking
- Miscellaneous Amusement and Recreation Services

### SIMILAR OCCUPATIONS

- Porter or Bellhop;
- Parking Lot Signaler;
- Lot Attendant
- Supervisor, Parking Lot;

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- no standard educational requirements

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 3334 (in 1993)
  : 3922 (in 1998)

Average annual number of openings from 1993 to 1998: 377
This trend indicates a 18% change.

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **PATTERN AND MODEL MAKER, METAL**
SOC No. 6817208
DOT No. 600.280-050
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Makes exact patterns and models of objects out of metal for industries and manufactures. Studies blueprints, computes dimensions and plans sequence of operation. Sets up and operates machine tools. Assembles, cleans and finishes workpiece. Verifies conformance of machined pattern to blueprint specifications.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme heat.
- risk of injury.
- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 600.280-050 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working on or producing things.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Secondary Nonferrous Metals
- Self-employed
- Aircraft and Parts

### SIMILAR OCCUPATIONS

- Layout Worker I, Machine Shop;
- Molding or Casting Machine Operator
- Shipfitter;
- Boilermaker;

### PROGRAMS OF STUDY

- Metal Fabrication

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 184 (in 1993)
  : 195 (in 1998)

Average annual number of openings from 1993 to 1998: 23
This trend indicates a 6% change.

VIEW No. 270

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **PAVING AND SURFACING EQUIPMENT OPERATOR**
SOC No. 6466000
DOT No. 853.663-014
GOE Interest Area: 05.11 Equipment Operation

### DESCRIPTION

Operates equipment used for applying concrete, asphalt or other materials on roads, parking lots, airport runways or other surfaces. Moves levers to control the flow or temperature of the asphalt or concrete. May also clean and replace worn machinery parts.

RELATED EDUCATION PROGRAMS: Construction Equipment Operation; Military services.

EMPLOYERS: Local government; Highway or street contractors; Concrete work contractors; Military services.

MORE INFORMATION: Assoc, Builders and Contractors, 729 15th St NW, Washington, D.C. 20005. Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • overtime work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- pushing or pulling.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 853.663-014 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Highway and Street Construction, Ex. Elevated Highways
- Heavy Construction, Ex. Highways and Streets

### SIMILAR OCCUPATIONS

- Railway Equipment Operator;
- Stone-Spreader Operator;
- Asphalt-Paving-Machine Operator;
- Road-Oiling-Truck Driver;
- Concrete-Paving-Machine Operator;
- Paving Equipment Operator/Enl (Mil);

### PROGRAMS OF STUDY

- Construction Equipment Operation

### EDUCATION LEVEL

- 11 to 13 years education.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 4,020 (in 1993)
  : 4,476 (in 1998)

Average annual number of openings from 1993 to 1998: 212
This trend indicates a 11% change.

LORIDA

# VIEW

ital Information for Education and Work

**Title: PERIPHERAL EDP EQUIPMENT OPERATOR (N/E)**
SOC No. 4613000
DOT No. 213.382-010
GOE Interest Area: 07.06 Clerical Machine Operation

## DESCRIPTION

Operates machines that help computers work such as tape or disk drives, printers, card-to-tape or tabulating machines, sorters or interpreters. Maintains log books listing events such as machine malfunctions.

RELATED EDUCATION PROGRAMS: Business Data Peripheral Equipment Operations: Military Service.

EMPLOYERS: Military Services; Large companies with computer sections; Computer and data processing services.

MORE INFORMATION: State Job Services Office; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 213.382-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- repeating set tasks.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Computer Programming, Data Processing and Related Services
- Commercial and Stock Savings

## SIMILAR OCCUPATIONS

- Computer Operator/Enl (Mil);
- Auxiliary Equipment Operator, Data Processor
- Tabulating-Machine Operator;
- Sorting Machine Operator;
- Digitizer Operator (N/E);

## PROGRAMS OF STUDY

- Business Data Processing & Related Programs, General
- Business Data Peripheral Equipment Operation

## EDUCATION LEVEL

- less than 1 year Vocational or Trade School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,474 (in 1993)
  : 2,875 (in 1998)

Average annual number of openings from 1993 to 1998: 119
This trend indicates a 16% change.

VIEW No. 272

FLORIDA

VIEW

Vital Information for Education and Work

Title: **PERSONNEL CLERK, EXCEPT PAYROLL**
SOC No. 4692000
DOT No. 209.362-026
GOE Interest Area: 07.05 Records Processing

## DESCRIPTION

Compiles and keeps personnel records. Records data for each employee, such as address, weekly earnings, absences, and insurance information. May track supervisory information on production, sales, or performance. May assist in the interview or hiring process of new employees

RELATED EDUCATION PROGRAMS: Personnel Assisting; General Office Clerk.

EMPLOYERS: Military services; Government agencies; Large companies.

MORE INFORMATION: State Job Service Office; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 209.362-026 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- detailed, organized work following set sequence.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Department Stores
- Hospitals
- Federal Government

## SIMILAR OCCUPATIONS

- Agent-Contract Clerk;
- Referral Clerk, Temporary Help;
- Personnel Specialist/Enl (Mil);
- Identification Clerk;
- Assignment Clerk, Motor Transportation;
- Employment Clerk;

## PROGRAMS OF STUDY

- Typing, General Office, & Related Programs, General
- Business Administration & Management

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 6051 (in 1993)
  : 6829 (in 1998)

Average annual number of openings from 1993 to 1998: 273
This trend indicates a 13% change.

FLORIDA
# VIEW

## Vital Information for Education and Work

Title: **PERSONNEL, TRAINING AND LABOR RELATIONS MANAGER**
SOC No. 1230000
DOT No. 166.117-018
GOE Interest Area: 11.05 Business Administration

### DESCRIPTION

Plans, directs, or coordinates the personnel, training or labor relations activities of an organization. Develops employment rights, benefits policies and salary schedules. Directs the selection, training, and evaluation of employees and advises employees of those policies.

RELATED TRAINING: Personnel Management.

EMPLOYERS: Large companies with personnel offices; Government agencies; Military services.

MORE INFORMATION: American Society for Personnel Administration, 606 N Washington St, Alexandria, VA 22314. Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 166.117-018 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(1) Negotiating: Talking over ideas, information, and opinions with others until all agree on solutions.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

### TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- dealing with people.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Business Services
- Personnel Supply Services
- Hospitals

### SIMILAR OCCUPATIONS

- Personnel, Training and Labor Relations
- Manager, Benefits;
- Manager, Education and Training;
- Personnel Manager/Off (Mil);
- Manager, Employment;

### PROGRAMS OF STUDY

- Personnel Management
- Organizational Behavior
- Labor/Industrial Relations
- Human Resources Development
- Business Administration & Management, Other
- Business Administration & Management

### EDUCATION LEVEL

- Undergraduate Degree.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 9,168 (in 1993)
  : 10,612 (in 1998)

Average annual number of openings from 1993 to 1998: 638
This trend indicates a 16% change.

VIEW No. 274

FLORIDA

# VIEW

## Vital Information for Education and Work

**Title: PEST CONTROL WORKER OR ASSISTANT**
SOC No. 5246100
DOT No. 389.684-010
GOE Interest Area: 05.10 Crafts

### DESCRIPTION

Protects people and property from pests and vermin. Inspects and treats restaurants, hotels, homes and other places to locate and destroy pests. Uses chemicals, poisonous gases, and mechanical traps to kill pests.
RELATED EDUCATION PROGRAMS: On-the-job training.
EMPLOYERS: Exterminating services; Self-employed.
MORE INFORMATION: Local exterminating service businesses. ** Special Note ** Florida Statute require licensure regulated by the Department of Health & Rehabilitative Services.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- both inside and outside.
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- climbing or balancing.
- carrying.
- stooping, kneeling, crouching, or crawling.
- walking.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 389.684-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Services to Dwellings and Other Buildings
- Self-employed
- Public Finance, Taxation and Monetary Policy

### SIMILAR OCCUPATIONS

- Termite Exterminator;
- Mosquito Sprayer;
- Exterminator Helper;
- Fumigator;
- Exterminator;

### PROGRAMS OF STUDY

- Plant Protection (Pest Management)

### EDUCATION LEVEL

- High School Graduate.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 9,757 (in 1993)
  : 11,968 (in 1998)

Average annual number of openings from 1993 to 1998: 722
This trend indicates a 23% change.

FLORIDA
# VIEW
Vital Information for Education and Work

**Title: PETROLEUM ENGINEER**
SOC No. 1625100
DOT No. 010.061-018
GOE Interest Area: 05.01 Engineering

## DESCRIPTION
Plans, and supervises the way oil and natural gas are obtained, shipped, and stored. Conducts research to determine the need for new or modified methods to drill for oil and gas. Researches and plans methods of extracting oil from the petroleum reservoir.

RELATED EDUCATION PROGRAMS: Petroleum Engineering

EMPLOYERS: Petroleum and natural gas exploration and drilling companies; Engineering consulting firms.

MORE INFORMATION: Society of Petroleum Engineers; PO Box 833836; Richardson, TX 75083 ** Special Note ** Florida Statute requires licensure regulated by the Department of Professional Regulation.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- noise and vibrations.
- dust, fumes, odors, poor ventilation.
- risk of injury.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • overtime work. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- stooping, kneeling, crouching, or crawling.
- speaking.
- hearing.
- reaching, handling, fingering, or feeling.
- walking.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 010.061-018 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 1 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:
- taking responsibility.
- many changing duties.
- dealing with people.
- expressing feelings and ideas.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Miscellaneous Electrical Machinery, Equipment, and Supplies
- Petroleum and Petroleum Prod
- Electronic Components and Accessories

## SIMILAR OCCUPATIONS
- Surveyor, Oil Well Directional;
- Chief Engineer, Research;
- Mining Engineer;
- Design Engineer, Mining and Oilfield Equipment
- District Supervisor, Mud - Analysis Well
- Oil Well Services Superintendent;

## PROGRAMS OF STUDY
- Petroleum Engineering

## EDUCATION LEVEL
- Undergraduate Degree.

## AVERAGE BEGINNING WAGE
- $40,000 to $49,999 per year (up to $25.50 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 43 (in 1993)
  : 47 (in 1998)

Average annual number of openings from 1993 to 1998: 2
This trend indicates a 9% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **PETROLEUM REFINERY OPERATOR**
SOC No. 6920100
DOT No. 549.260-010
GOE Interest Area: 05.06 Systems Operation

### DESCRIPTION

Adjusts and controls equipment used to process and distribute natural gas and petroleum. Turns valves to adjust the flow through equipment or distribution lines. Uses test equipment, handtools, and measuring devices. Reads and records meters.
RELATED EDUCATION PROGRAMS: Pumping Plants. On-the-job training.
EMPLOYERS: Oil and gas extraction companies; Petroleum refineries and gas distribution companies.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.
- noise and vibrations.
- dust, fumes, odors, poor ventilation.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 549.260-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Petroleum Refining
- Natural Gas Liquids

### SIMILAR OCCUPATIONS

- Pressure Controller;
- Pumper;
- Control Panel Operator;
- Fuel Attendant;
- Liquefaction Plant Operator;
- Gager;

### PROGRAMS OF STUDY

- Stationary Energy Sources, General

### EDUCATION LEVEL

- 9 to 12 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 8 (in 1993) |
| : | 9 (in 1998) |

Average annual number of openings from 1993 to 1998: 0
This trend indicates a 13% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

**Title: PHARMACIST**
SOC No. 3010000
DOT No. 074.161-010
GOE Interest Area: 02.04 Laboratory Technology

### DESCRIPTION

Fills doctor's prescriptions for customers. Prepares and sells drugs and medications. Gives advice to doctors on which drug to administer. Advises customers on which non-prescription drugs may be helpful in treatment. Must be knowledgeable of available medications and their possible side effects.
RELATED EDUCATION PROGRAMS: Pharmacy; Pharmacology, Human and Animal. License Required.
EMPLOYERS: Drugs stores; Hospitals; Military services; Self-employed.
MORE INFORMATION: American Pharmaceutical Assoc., 2215 Constitution Ave, NW, Washington, D.C. 20037; Military Recruiting Office. **SPECIAL NOTE** Florida Statute requires licensure regulated by the Dept. of Professional Regulation.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 074.161-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- business contact with people.
- working to improve social conditions.
- working with machines, process or techniques.
- scientific or technical work.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- taking responsibility.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hospitals
- Grocery Stores
- Drug Stores and Proprietary Stores

### SIMILAR OCCUPATIONS

- Nuclear Pharmacist (N/E);
- Pharmaceutical Detailer;
- Pharmacologist (N/E);
- Pharmacist/Off (Mil);
- Director, Pharmacy Services;
- Pharmacist Assistant;

### PROGRAMS OF STUDY

- Pre-Pharmacy
- Pharmacy

### EDUCATION LEVEL

- 5 or more years University.

### AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 11,494 (in 1993)
  : 13,170 (in 1998)

Average annual number of openings from 1993 to 1998: 1,052
This trend indicates a 15% change.

VIEW No. 278

FLORIDA VIEW

## Vital Information for Education and Work

Title: **PHARMACY ASSISTANT**
SOC No. 5233500
DOT No. 074.387-010
GOE Interest Area: 05.09 Material Control

### DESCRIPTION

Assists pharmacist by mixing drugs and prescriptions. Prepares inventories of medicines and orders supplies to maintain stock. Receives and places supplies in stock. Labels drugs, chemicals, and other preparations. Delivers orders.

RELATED EDUCATION PROGRAMS: Pharmacy Assisting; On-the-job training; Military.

EMPLOYERS: Military services; Drug stores, Hospitals, Pharmacies.

MORE INFORMATION: American Pharmaceutical Assoc, 2215 Constitution Ave NW, Washington, D.C. 20037; Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 074.387-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people or things and reporting the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- dealing with people.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government
- Drug Stores and Proprietary Stores
- Hospitals

### SIMILAR OCCUPATIONS

- Order Filler, Sales;
- Pharmacist Assistant;
- Central Supply Worker;
- Pharmacy Technician/Enl (Mil);
- Medication Aide;

### PROGRAMS OF STUDY

- Pharmacy Assisting

### EDUCATION LEVEL

- less than 1 year Comm. Coll. or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 4,501 (in 1993)
  : 5,238 (in 1998)

Average annual number of openings from 1993 to 1998: 287
This trend indicates a 16% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **PHOTOENGRAVING AND LITHOGRAPHING MACHINE OPERATOR**
SOC No. 7444100
DOT No. 972.382-014
GOE Interest Area: 01.06 Craft Arts

### DESCRIPTION

Sets up and operates photoengraving and lithographing equipment such as a plate graining or pantograph machine. Selects and places screen over negative. Focuses lens, adjusts lights, and exposes film. Immerses film in chemical baths to develop prints.

RELATED EDUCATION PROGRAMS: Lithography, Photography, and Platemaking. This occupation is changing rapidly due to technological advances.

EMPLOYERS: Printing and publishing companies including newspapers, reproduction services.

MORE INFORMATION: Education Council of the Graphic Arts Industry; 4615 Forbes Avenue; Pittsburgh, PA 15213.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 972.382-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Mailing, Duplicating, Art, Photography & Stenographic Services
- Periodicals: Publishing or Printing
- Commercial Printing

### SIMILAR OCCUPATIONS

- Step-and-Repeat Reduction Camera Operator
- Scanner Operator;
- Photographer, Photoengraving;

### PROGRAMS OF STUDY

- Graphic & Printing Communications, General

### EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 507 (in 1993)
  : 582 (in 1998)

Average annual number of openings from 1993 to 1998: 37
This trend indicates a 15% change.

FLORIDA

VIEW

**Vital Information for Education and Work**

Title: **PHOTOGRAPHER**
SOC No. 3260100
DOT No. 143.457-010
GOE Interest Area: 01.02 Visual Arts

## DESCRIPTION

Photographs people, places, merchandise or community events. Uses a variety of cameras, lenses, and film for close up or distance photography. May develop and print own photographs. May specialize in portrait, commercial, editorial or industrial photography.

RELATED TRAINING: Commercial Photography; Photographic Laboratory and Darkroom; Military.

EMPLOYERS: Portrait studios; Commercial art firms; Self-employed; Military services.

MORE INFORMATION: Professional Photographers of America, Inc, 1090 Executive Way, Des Plains, IL 60018. Military Recruiting Office

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 143.457-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(5) Persuading: Winning others over to a product, service, or point of view.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Artistic - includes artistic, musical, and some writing occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- studying people or communicating ideas.
- working on or producing things.
- abstract and creative work.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on personal judgment.
- expressing feelings and ideas.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Photographic Studios, Portrait
- Miscellaneous Business Services

## SIMILAR OCCUPATIONS

- Photojournalist;
- Photographer, Scientific;
- Biological Photographer;
- Photographer, Aerial;
- Photographer/Enl (Mil);
- Photographer, Still;

## PROGRAMS OF STUDY

- Commercial Photography
- Film Animation

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 8,437 (in 1993)
  : 9,804 (in 1998)

Average annual number of openings from 1993 to 1998: 606
This trend indicates a 16% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: PHOTOGRAPHIC PROCESS WORKER**
SOC No. 6868100
DOT No. 714.381-018
GOE Interest Area: 01.06 Craft Arts

## DESCRIPTION

Processes photographic film and prints. Does such things as expose, develop, print, and finish photos. May specialize in a certain process such as retouching negatives. May use cameras, printers, enlargers, or airbrushes. May use chemical and coloring solutions.

RELATED EDUCATION PROGRAMS: Photographic Laboratory and Darkroom. On-the-job training.

EMPLOYERS: Portrait studios. Commercial photography businesses; Photofinishing laboratories; Self-employed.

MORE INFORMATION: Photo Market Association International; 3000 Picture Place; Jackson, MI 49201

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • overtime work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 714.381-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Business Services
- Photographic Studios, Portrait
- Self-employed

## SIMILAR OCCUPATIONS

- Reproduction Technician;
- Photograph Retoucher;
- Film Laboratory Technician;
- Colorist, Photography;
- Computer Controlled Color Photograph Printer
- Optical Effects Layout Person;

## PROGRAMS OF STUDY

- Graphic & Printing Communications, General
- Photographic Technology
- Commercial Photography

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

• Projected number of employees: 560 (in 1993)
: 675 (in 1998)

Average annual number of openings from 1993 to 1998: 38
This trend indicates a 21% change.

VIEW No. 282

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **PHOTOGRAPHIC PROCESSING MACHINE OPERATOR**
SOC No. 7671000
DOT No. 976.487-010
GOE Interest Area: 05.10 Crafts

DESCRIPTION

Operates or tends machinery that develops and prints film, photographs, slides or motion pictures. May specialize in color film processing in a professional photo processing lab. In a photography studio, may adjust lights or assist photographer as necessary.

RELATED EDUCATION PROGRAMS: Photographic Laboratory and Darkroom; On-the-job training; Military Services.

EMPLOYERS: Photofinishing laboratories; Motion Picture production; Photographic studios; Newspapers; Publishers; Military Services.

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • overtime work. |

PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 976.487-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Mailing, Duplicating, Art, Photography & Stenographic Services
- Miscellaneous Business Services
- Photographic Studios, Portrait

SIMILAR OCCUPATIONS

- Photo Technician;
- Microfilm Processor;
- Film Developer;
- Computer Controlled Color Photograph Printer
- Photoprocessing Specialist/Enl (Mil);
- Photographic Processor, Semiconductor

PROGRAMS OF STUDY

- Photographic Technology
- Graphic & Printing Communications, General
- Commercial Photography

EDUCATION LEVEL

- High School Graduate.

AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK

- Projected number of employees: 1840 (in 1993)
  : 2197 (in 1998)

Average annual number of openings from 1993 to 1998: 119
This trend indicates a 19% change.

# FLORIDA
# VIEW

Vital Information for Education and Work

**Title: PHYSICAL THERAPIST (N/E)**
SOC No. 3033000
DOT No. 076.121-014
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

## DESCRIPTION

Gives treatment to help relieve patient's pain and restore their physical strength and health. Works with accident victims or people with disabilities. Uses light, heat, water, electricity, and exercise programs. Evaluates their progress. May specialize in such areas as pediatrics, orthopedics, sports injuries.

RELATED EDUCATION PROGRAMS: Physical Therapy. License required.

EMPLOYERS: Hospitals; Rehabilitation facilities; Nursing homes; Self-employed; Military Services.

MORE INFORMATION: American Physical Therapy Assoc; 1111 N. Fairfax St; Alexandria, VA 22314; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- stooping, kneeling, crouching, or crawling.
- pushing or pulling.
- speaking.
- reaching, handling, fingering, or feeling.
- walking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 076.121-014 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS - You would like:

- studying people or communicating ideas.
- working to improve social conditions.
- scientific or technical work.

## TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- influencing people.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Offices and Clinics of Other Health Practitioners
- Hospitals
- Miscellaneous Health Related Services, not Elsewhere Classified

## SIMILAR OCCUPATIONS

- Physical Integration Practitioner;
- Orthotist;
- Physical Therapy Assistant (N/E);
- Chiropractor;
- Occupational Therapist (N/E);
- Physical Therapist/Off (Mil);

## PROGRAMS OF STUDY

- Physical Therapy

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 4390 (in 1993)
  : 5474 (in 1998)

Average annual number of openings from 1993 to 1998: 321
This trend indicates a 25% change.

VIEW No. 284

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **PHYSICAL THERAPY ASSISTANT (N/E)**
SOC No. 5233400
DOT No. 076.224-010
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

## DESCRIPTION

Helps with therapeutic exercises. Gives ultrasound, electrical stimulation, ultraviolet, infrared, and hot and cold pack treatments. Works under the direction of physical therapist. May give instructions to patients in crutch usage.

RELATED EDUCATION PROGRAMS: Physical Therapy Assisting; Physical Therapy Aide;
Military Services. Licensure may be required.

EMPLOYERS: Hospitals; Physical therapy offices; Nursing homes; Rehabilitation centers; Military Services.

MORE INFORMATION: American Physical Therapy Assoc; 1111 N Fairfax St; Alexandria, VA 22314; Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- stooping, kneeling, crouching, or crawling.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- walking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 076.224-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working to improve social conditions.
- studying people or communicating ideas.
- scientific or technical work.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on personal judgment.
- influencing people.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hospitals
- Job Training and Vocational Rehabilitation Services
- Offices and Clinics of Other Health Practitioners

## SIMILAR OCCUPATIONS

- Physical Therapy Aide;
- Physical Therapy Specialist/Enl (Mil)
- Occupational Therapy Assistant (N/E);

## PROGRAMS OF STUDY

- Physical Therapy Aide
- Physical Therapy Assisting

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,782 (in 1993)
  : 3,476 (in 1998)

Average annual number of openings from 1993 to 1998: 228
This trend indicates a 25% change.

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **PHYSICIAN'S ASSISTANT (N/E)**
SOC No. 3040000
DOT No. 079.364-018
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

### DESCRIPTION

Works under direct supervision of physician in treatment of sick or injured patients. Obtains medical information from patients, performs examinations and gives orders for lab tests.Provides treatment for cuts, broken bones or burns.

RELATED EDUCATION PROGRAMS: Physician Assisting. May require certification Accredited by CAHEA.

EMPLOYERS: Doctors' offices; Hospitals; Clinics; Military Services.

MORE INFORMATION: Association of Physician Assistants Programs, 950 North Washington St, Alexandria, VA 22314-1534. Military Recruiting Office.

**Special Note ** Florida statute requires licensure regulated by the Department of Professional Regulation.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 079.364-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working to improve social conditions.
- studying people or communicating ideas.
- scientific or technical work.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Offices of Physicians
- Public Finance, Taxation and Monetary Policy
- Offices and Clinics of Other Health Practitioners

### SIMILAR OCCUPATIONS

- Nurse Practitioner;
- Medical Service Technician/Enl (Mil);
- Orthopedic Technician/Enl (Mil);
- Physician's Assistant (N/E);
- Medical Assistant (N/E);

### PROGRAMS OF STUDY

- Physician Assisting

### EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

### AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 2,853 (in 1993)
  : 3,356 (in 1998)

Average annual number of openings from 1993 to 1998: 174
This trend indicates a 18% change.

VIEW No. 286

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **PILE DRIVER OPERATOR**
SOC No. 6476205
DOT No. 859.682-018
GOE Interest Area: 05.11 Equipment Operation

## DESCRIPTION

Operates pile driver to drive piling into ground as foundations for structures such as buildings, piers, or bridges. Lays out and sets up jobs using blueprints and instruments. Aligns piles under hammer. Drives pile to correct depth. Services tools and power equipment. SPECIAL NOTE**Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • seasonal work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- very heavy - might lift or move 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 859.682-018 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- taking responsibility.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Water Well Drilling
- Heavy Construction, Ex. Highways and Streets
- Self-employed

## SIMILAR OCCUPATIONS

- Operating Engineer;
- Steam Service Inspector;
- Concrete-Paving-Machine Operator;

## PROGRAMS OF STUDY

- Construction Equipment Operation

## EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 115 (in 1993) |
| : | 127 (in 1998) |

Average annual number of openings from 1993 to 1998: 5
This trend indicates a 10% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **PLASTERER OR STUCCO MASON**
SOC No. 6444100
DOT No. 842.361-018
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Finishes indoor walls, partitions, or ceilings with plaster coatings. Also applies cement, plastic, or stucco to outdoor surfaces. Mixes and sprays or trowels plaster onto wire mesh or surface. Follows blueprints or architect's drawings. May apply plaster as insulation in new or old buildings.

RELATED EDUCATION PROGRAMS: Plastering. On-the-job training.

EMPLOYERS: Special trades construction contractors in plastering and concrete work; Self-employed.

MORE INFORMATION: Cooperative Plasterers' and Cement Masons' International Association of the US and Canada; 1125 17th St NW; Washington, D.C. 20036. **SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- damp or wet.
- risk of injury.

### LOCATION AND HOURS OF WORK

Most of this work tends to be:
- both inside and outside.

and will probably involve:
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- standing for a long time.
- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 842.361-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

VIEW No. 288

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Concrete Work
- Masonry, Stonework, Tile Setting and Plastering
- Self-employed

### SIMILAR OCCUPATIONS

- Plaster Maker
- Stucco Mason;
- Plaster Machine Tender;
- Molding Plasterer;

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 3,322 (in 1993)
  : 3,729 (in 1998)

Average annual number of openings from 1993 to 1998: 168
This trend indicates a 12% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **PLATING MACHINE SET-UP OPERATOR OR SETTER**
SOC No. 7343100
DOT No. 500.380-010
GOE Interest Area: 06.02 Production Work

### DESCRIPTION

Sets up and operates equipment to cover or coat metal with zinc, copper, or other metals. Fills machine tank with solution, suspends or immerses objects into the cleaning and rinsing bath. Examines product to determine thickness of metal deposit. May operate a plating stripper that reverses the process.

RELATED EDUCATION PROGRAMS: On-the-job training.

EMPLOYERS: Companies that do plating of metal products; Manufacturers of electrical and electronic equipment.

MORE INFORMATION: The National Tooling and Machining Association; 9300 Livingston Rd; Ft. Washington, MD 20744

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- noise and vibrations.
- extreme heat.
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- stooping, kneeling, crouching, or crawling.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 500.380-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Communication Equipment
- Electronic Components and Accessories
- Coating, Engraving, and Allied Services

### SIMILAR OCCUPATIONS

- Metal Spraying Machine Operator I;
- Coating Machine Operator;
- Black Oxide Coating Equipment Tender;
- Wire Coating Operator, Metal;
- Plater, Hot Dip;
- Plater, Printed Circuit Board Panels;

### PROGRAMS OF STUDY

- Printing Press Operations

### EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 765 (in 1993)
  : 854 (in 1998)

Average annual number of openings from 1993 to 1998: 48
This trend indicates a 12% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: PLUMBER OR PIPEFITTER**
SOC No. 6450000
DOT No. 862.381-030
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Installs pipe systems that carry water, steam or other liquids or gases. Also repairs and installs high and low pressure systems for appliances, and heating and cooling equipment. Follows blueprints and building plans that show the planned location of pipes, plumbing fixtures, and appliances.

RELATED EDUCATION PROGRAMS: Pipefitting and Steamfitting; Plumbing; Military Services; License required.

EMPLOYERS: Plumbing contractors; Military services; Self-employed.

MORE INFORMATION: National Assoc., of Plumbing-Heating-Cooling Contractors, 180 S. Washington St, Falls Church, VA 22046. Military Recruiting Office. **SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- noise and vibrations.
- extreme cold.
- extreme heat.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- standing for a long time.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 862.381-030 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Plumbing, Heating, and Air-conditioning
- Self-employed
- Ship and Boat Building and Repairing

## SIMILAR OCCUPATIONS

- Steam Service Inspector;
- Industrial Gas Fitter;
- Pipecutter;
- Pipe Fitter, Diesel Engine I;
- Plumber/Pipefitter/Enl (Mil);

## PROGRAMS OF STUDY

- Plumbing
- Plumbing, Pipefitting, & Steamfitting, General
- Pipefitting & Steamfitting

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 21,610 (in 1993)
  : 24,572 (in 1998)

Average annual number of openings from 1993 to 1998: 1,204
This trend indicates a 14% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **PODIATRIST**
SOC No. 2830000
DOT No. 079.101-022
GOE Interest Area: 02.03 Medical Sciences

### DESCRIPTION

Diagnoses and treats foot deformities, diseases and disorders. Treats injuries to the ankle, foot, or toe. Treats ingrown toenails, corns, calluses. May use computerized instruments to diagnose problems. Performs surgery. May design and prescribe special shoes to correct or prevent foot problems.
RELATED EDUCATION PROGRAMS: Podiatry; License Required.
EMPLOYERS: Military Services; Private practice; Hospitals; Medical colleges.
MORE INFORMATION: American Podiatric Medical Assoc; 20 Chevy Chase Circle, NW; Washington, D.C. 20015; Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 079.101-022 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(0) Mentoring: Helping people deal with problems. May give legal, scientific, clinical, spiritual, or other professional advice.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- directing or organizing, or activities resulting in recognition.
- scientific or technical work.
- working to improve social conditions.

### TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Hospitals
- Offices and Clinics of Other Health Practitioners

### SIMILAR OCCUPATIONS

- Podiatrist/Off (Mil));
- Physician;
- Osteopath;
- Podiatric Assistant;

### PROGRAMS OF STUDY

- Podiatry

### EDUCATION LEVEL

- 5 or more years University.

### AVERAGE BEGINNING WAGE

- $40,000 to $49,999 per year (up to $25.50 per hour).

### FUTURE OUTLOOK

• Projected number of employees: 1,391 (in 1993)
: 1,793 (in 1998)

Average annual number of openings from 1993 to 1998: 216
This trend indicates a 29% change.

# FLORIDA VIEW
## Vital Information for Education and Work

Title: **POLICE DETECTIVE**
SOC No. 5132100
DOT No. 375.267-010
GOE Interest Area: 04.01 Safety and Law Enforcement

### DESCRIPTION

Carries out investigations to prevent or solve crimes. Investigates suspected criminals, clues, and facts. Records and reports information about known criminals, such as their habits, friends, movements, and personal traits.

RELATED EDUCATION PROGRAMS: Law Enforcement; Criminal Justice Technology.

EMPLOYERS: Local police departments; Federal and state law enforcement agencies.

MORE INFORMATION: American Society of Criminology, 1314 Kinner Rd, Columbus, OH 43212

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 375.267-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- studying people or communicating ideas.

### TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- working under stress.
- decisions based on personal judgment.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Federal Government
- Public Finance, Taxation and Monetary Policy

### SIMILAR OCCUPATIONS

- Detective/Enl (Mil);
- FBI Special Agent;
- Polygraph Examiner;
- Special Agent, FBI;
- Investigator, Narcotics;
- Customs Patrol Officer;

### PROGRAMS OF STUDY

- Law Enforcement
- Correctional Administration
- Criminal Justice Administration
- Criminal Justice Technology
- Law Enforcement Administration
- Criminal Justice, Other
- Criminal Justice Studies
- Forensic Studies
- Corrections

### EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 4,068 (in 1993)
  : 4,544 (in 1998)

Average annual number of openings from 1993 to 1998: 131
This trend indicates a 12% change.

VIEW No. 292

FLORIDA
VIEW
Vital Information for Education and Work

Title: **PORTABLE MACHINE CUTTER**
SOC No. 7753300
DOT No. 781.684-014
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Cuts multiple layers of fabric into parts for garments, canvas goods, and stuffed toys using portable electric cutter. Inserts cutter under fabric and guides it around pattern. Sharpens or changes cutter blades when necessary.

RELATED EDUCATION PROGRAMS: Commercial Garment and Apparel Construction. On-job-the training.

EMPLOYERS: Most are makers of apparel and other textile products. Others are textile mills.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- standing for a long time.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 781.684-014 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Women's, Misses', and Juniors' Outerwear
- Men's and Boy's Furnishings
- Miscellaneous Fabricated Textile Products

## SIMILAR OCCUPATIONS

- Sample Cutter
- Pattern Maker
- Sail Cutter;
- Cutter, Fabrics and Materials;
- Cutter Helper.

## PROGRAMS OF STUDY

- Clothing & Apparel Production & Services, General

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 465 (in 1993) |
| : | 482 (in 1998) |

Average annual number of openings from 1993 to 1998: 18
This trend indicates a 4% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **PORTER OR BELLHOP**
SOC No. 5262100
DOT No. 324.477-010
GOE Interest Area: 09.05 Attendant Services

DESCRIPTION

Carries baggage and performs other simple services for travelers or hotel guests. May also call cabs, assist disabled travelers, and direct people to ticket windows or destination. Some run errands and deliver messages.
RELATED EDUCATION PROGRAMS: On-the-job training.
EMPLOYERS: Railways; Airlines; Hotels.

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

PRIMARY PHYSICAL ACTIVITIES
- carrying.
- stooping, kneeling, crouching, or crawling.
- pushing or pulling.
- lifting.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 324.477-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(7) Handling: Moving or carrying things.

HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on personal judgment.
- dealing with people.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Airports, Flying Fields, and Airport Terminal Services
- Air Transportation, Scheduled, and Air Courier Service
- Hotels and Motels

SIMILAR OCCUPATIONS
- Doorkeeper;
- Baggage Checker;
- Messenger;
- Bell Captain;
- Passenger Attendant;
- Room Service Clerk;

PROGRAMS OF STUDY
- Marketing of Hotel/Motel Services

EDUCATION LEVEL
- 8 to 11 years education.

AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

FUTURE OUTLOOK
- Projected number of employees: 4,276 (in 1993)
  : 4,801 (in 1998)

Average annual number of openings from 1993 to 1998: 259
This trend indicates a 12% change.

VIEW No. 294

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **POSTAL MAIL CARRIER**
SOC No. 4743000
DOT No. 230.367-010
GOE Interest Area: 07.05 Records Processing

## DESCRIPTION

Sorts mail for delivery to an established route. Delivers mail to and picks up mail from residences and places of business. Completes delivery forms. Gets signatures for special mail delivery and may collect delivery charges. May complete route on foot or in Postal Service delivery vehicle.

RELATED EDUCATION PROGRAMS: Mail and Order Clerk; On-the-job training.

EMPLOYERS: U.S. Postal Service.

MORE INFORMATION: Local Post Office; State Job Service Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme cold.
- extreme heat.
- damp or wet.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- walking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 230.367-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people
- working with things, numbers or objects.
- detailed, organized work following set sequence.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- U.S. Postal Service, Total

## SIMILAR OCCUPATIONS

- Rural Mail Carrier;
- Advertising Material Distributor;
- Outside Deliverer;

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 17,546 (in 1993)
  : 19,723 (in 1998)

Average annual number of openings from 1993 to 1998: 968
This trend indicates a 12% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **POSTAL SERVICE CLERK**
SOC No. 4742000
DOT No. 243.367-014
GOE Interest Area: 07.03 Financial Detail

DESCRIPTION
Performs a combination of tasks in a post office. Sells stamps, post cards, and stamped envelopes. Issues money orders. May operate a computerized postage scale that weighs package, and computes and records mailing costs. May place mail in mail rack or bags. Examines mail for correct postage.
RELATED EDUCATION PROGRAMS: Mail and Order Clerk; On-the-job training; Military Services.
EMPLOYERS: U.S. Postal Service; Military Services.
MORE INFORMATION: Local Post Office; State Job Service Office; Military Recruiting Office.

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

PRIMARY PHYSICAL ACTIVITIES
- standing for a long time.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 243.367-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

HOLLAND TYPES
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.

TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- decisions based on facts.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- U.S. Postal Service, Total

SIMILAR OCCUPATIONS
- Mail Handler;
- Postal Specialist/Enl (Mil);
- Slot-Tag Inserter;
- Mail Censor;
- Mail-Distribution-Scheme Examiner;

PROGRAMS OF STUDY
- information not available at this time

EDUCATION LEVEL
- High School Graduate.

AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

FUTURE OUTLOOK
- Projected number of employees: 8,146 (in 1993)
  : 9,157 (in 1998)

Average annual number of openings from 1993 to 1998: 513
This trend indicates a 12% change.

VIEW No. 296

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **POSTMASTER OR MAIL SUPERINTENDENT**
SOC No. 1344000
DOT No. 188.167-066
GOE Interest Area: 11.05 Business Administration

## DESCRIPTION

Directs and coordinates daily operations of U.S. post offices. May work in a district office. Directly oversees or manages, through other workers, the processing of incoming and outgoing mail. Manages the rental of post office boxes, sells stamps, bonds and certificates. Prepares reports of post office activity. Hires, trains, and evaluates new employees; prepares work schedules.
RELATED EDUCATION PROGRAMS: Public Administration
EMPLOYERS: U.S. Postal Service; Military Services
MORE INFORMATION: American Postal Workers Union; 817 14th St; NW; Washington, D.C. 20005; or a local Post Office; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- hearing.
- speaking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 188.167-066 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Colleges, Universities, Professional Schools, and Junior Colleges
- Elementary and Secondary Schools
- Child Day Care Services

## SIMILAR OCCUPATIONS

- Sectional Center Manager, Postal Service
- Administrative Services Manager;
- Postal Director/Off (Mil);
- Postal Service Clerk;

## PROGRAMS OF STUDY

- Public Administration

## EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,016 (in 1993)
  : 1,143 (in 1998)

Average annual number of openings from 1993 to 1998: 104
This trend indicates a 13% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: POWER DISTRIBUTOR OR DISPATCHER**
SOC No. 6932100
DOT No. 952.167-014
GOE Interest Area: 05.06 Systems Operation

## DESCRIPTION

Coordinates, regulates, or distributes the flow of electricity or steam in generating stations and over electric power lines to insure demands for power are met. Monitors control board. Records average and peak load conditions. May work for utility company or large industrial establishment.

RELATED EDUCATION PROGRAMS: Conventional - Electrical Power Generation. On-the-job training.

EMPLOYERS: Utility services and local governments.

MORE INFORMATION: Edison Electric Institute; 1111 19th St, NW; Washington, D.C. 20005

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 952.167-014 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- dealing with people.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Paper Mills, Except Building
- Electric Services

## SIMILAR OCCUPATIONS

- Switchboard Operator;
- Substation Operator;
- Feeder Switchboard Operator;
- Motor Room Controller;
- Load Dispatcher;

## PROGRAMS OF STUDY

- Stationary Energy Sources, General

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 611 (in 1993)
  : 662 (in 1998)

Average annual number of openings from 1993 to 1998: 30
This trend indicates a 8% change.

VIEW No. 298

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **POWER GENERATING PLANT OPERATOR**
SOC No. 6932000
DOT No. 952.382-018
GOE Interest Area: 05.06 Systems Operation

### DESCRIPTION

Controls and operates machinery, such as steam driven turbo generators to generate electric power. Uses controlboards, panelboards, or semi-automatic equipment.

RELATED EDUCATION PROGRAMS: Stationary Energy Sources; Conventional - Electric Power Generation; Military services.

EMPLOYERS: Light, heat and power companies.

MORE INFORMATION: National Association of Power Engineers, Inc., 2035 East Devon St., Suite 115, Des Plains, IL 60018.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 952.382-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Public Finance, Taxation and Monetary Policy
- Electric Services

### SIMILAR OCCUPATIONS

- Power Plant Operator/Enl (Mil);
- Power Operator;
- Turbine Operator;
- Diesel Plant Operator;
- Hydroelectric Station Operator;

### PROGRAMS OF STUDY

- Stationary Energy Sources, General

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 756 (in 1993)
  : 842 (in 1998)

Average annual number of openings from 1993 to 1998: 42
This trend indicates a 11% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: POWER REACTOR PLANT OPERATOR**
SOC No. 6932200
DOT No. 952.362-022
GOE Interest Area: 05.06 Systems Operation

## DESCRIPTION

Controls nuclear reactor that produces steam for the generation of electric power. Coordinates operation of auxiliary equipment such as pumps and compressors. Adjusts controls, under supervision, to start and shut down reactor.
RELATED EDUCATION PROGRAMS: Nuclear Power Plant Operation Technology
Industrial Nuclear Energy; Military services. License required.
EMPLOYERS: Light, heat and power companies.
MORE INFORMATION: National Assoc, of Power Engineers, Inc, 2035 E Devon St, Suite 115, Des Plains, IL 60018.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 952.362-022 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

VIEW No. 300

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- working under stress.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Electric Services

## SIMILAR OCCUPATIONS

- Nuclear Plant Technical Advisor;
- Operations Supervisor, Nuclear Power Plant
- Power Plant Operator/Enl (Mil);

## PROGRAMS OF STUDY

- Nuclear Materials Handling Technology

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 180 (in 1993)
  : 201 (in 1998)

Average annual number of openings from 1993 to 1998: 10
This trend indicates a 12% change.

# FLORIDA VIEW

Vital Information for Education and Work

Title: **POWERHOUSE OR SUBSTATION ELECTRICIAN**
SOC No. 6153200
DOT No. 820.261-014
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Inspects, tests, repairs, and maintains electrical equipment for generating stations or powerhouses and substations such as oil circuit breakers and transformers.
RELATED EDUCATION PROGRAMS: Conventional - Electric Power Generation; Electrical and Power Transmission Installation. Military services.
EMPLOYERS: Light, heat and power companies; Military services.
MORE INFORMATION: National Electrical Contractors' Assoc, 7315 Wisconsin Ave, Bethesda, MD 20814. Military Recruiting Office. **SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- climbing or balancing.
- carrying.
- stooping, kneeling, crouching, or crawling.
- lifting.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing differences in color.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 820.261-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Electric Services
- Water Supply

## SIMILAR OCCUPATIONS

- Power Plant Electrician/Enl (Mil);
- Relay Technician;
- Corrosion Control Fitter;
- Motor Room Controller;
- Regulator Inspector;
- Transformer Assembler;

## PROGRAMS OF STUDY

- Electrical & Power Transmission Installation, General
- Stationary Energy Sources, General

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 540 (in 1993)
  : 602 (in 1998)

Average annual number of openings from 1993 to 1998: 31
This trend indicates a 11% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **PRECISION INSTRUMENT REPAIRER**
SOC No. 6171400
DOT No. 710.281-026
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Repairs and adjusts precision instruments and equipment, such as watches, scales, meters, and special types of handtools. Follows blueprints and diagrams. Assembles electrical components and test circuits. Uses handtools.

RELATED EDUCATION PROGRAMS: Instrumentation Technology; Electromechanical Technology; Electromechanical Hydraulic, and Pneumatic Instrument Technology. Military services.

EMPLOYERS: Electrical repair shops; Watch repair shops; Manufacturers of scientific and professional equipment. Military services.

SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 710.281-026 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Agricultural Chemicals
- Federal Government

## SIMILAR OCCUPATIONS

- Meteorological-Equipment Repairer;
- Hearing Aid Repairer;
- Weapons System Instrument Mechanic;
- Gyroscope Repairer;
- Precision Instrument Repairer/Enl (Mil)

## PROGRAMS OF STUDY

- Electromechanical Technology
- Electromechanical, Hydraulic, & Pneumatic Repair
- Instrumentation Technology

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,248 (in 1993)
  : 2,497 (in 1998)

Average annual number of openings from 1993 to 1998: 252
This trend indicates a 11% change.

VIEW No. 302

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **PRESS MACHINE OPERATOR**
SOC No. 7657100
DOT No. 363.682-018
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION

Operates machines used to press garments and other textile products. Uses steam presses and other machines to flatten seams and shape garments. Some specialize in particular garment parts, or on particular types of garment.
RELATED EDUCATION PROGRAMS: Drycleaning and Laundering Services; Commercial Garment and Apparel Construction. On-the-job training.
EMPLOYERS: Apparel manufacturers; Laundries and dry cleaners; Hospitals.
MORE INFORMATION: American Apparel Manufacturers Association; 2500 Wilson Blvd; Suite 301; Arlington, VA 22201

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.
- damp or wet.
- extreme heat.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • weekend work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 363.682-018 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Laundry, Cleaning, and Garment Services
- Men's and Boy's Furnishings
- Women's, Misses', and Juniors' Outerwear

## SIMILAR OCCUPATIONS

- Hat Blocker;
- Steam Press Tender;
- Presser, Handkerchief;
- Presser, Automatic;
- Shirt Presser

## PROGRAMS OF STUDY

- Drycleaning & Laundering Services, General
- Clothing & Apparel Production & Services, General

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 3,653 (in 1993)
  : 3,931 (in 1998)

Average annual number of openings from 1993 to 1998: 280
This trend indicates a 8% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **PRINTING SPECIALIST/ENL (MIL)**
SOC No. 7443991
DOT No. 651.380-010
GOE Interest Area: 01.06 Craft Arts

## DESCRIPTION

Operates printing and binding machines to make finished copies of printed material. Reproduces printed matter using offset or lithographic printing processes. Prepares layouts of artwork, photographs, and text for lithographic plates. Produces brochures, newspapers, maps, and charts. Binds printed material into books using binding machines. SPECIAL NOTE** The following services offer this occupation: Army, Navy, Air Force, Marine Corps.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
• inside. • overtime work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 651.380-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Newspapers: Publishing or Printing
- Self-employed

## SIMILAR OCCUPATIONS

- Photographic Processing Machine Operator
- Letterpress Setter or Set-Up Operator
- Cylinder Press Operator;
- Offset Lithographic Press Setter or Setup Operator
- Web Press Operator;
- Offset Press Operator I;

## PROGRAMS OF STUDY

- Graphic & Printing Communications, General

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 5,743 (in 1993)
  : 6,590 (in 1998)

Average annual number of openings from 1993 to 1998: 370
This trend indicates a 15% change.

VIEW No. 304

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **PRIVATE DETECTIVE OR INVESTIGATOR**
SOC No. 5144200
DOT No. 376.267-018
GOE Interest Area: 04.01 Safety and Law Enforcement

### DESCRIPTION

Protects property, merchandise, and money of store or similar establishment by detecting theft, or shoplifting. May conduct private investigations, such as obtaining confidential information. May seek missing persons or investigate crime or thefts.
RELATED EDUCATION PROGRAMS: Security Services; Law Enforcement
EMPLOYERS: Self-employed; Private detective agencies. **SPECIAL NOTE** Florida statute requires licensure regulated by the Bureau of Regulation and Enforcement.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 376.267-018 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- business contact with people.
- studying people or communicating ideas.
- abstract and creative work.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- working under stress.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hotels and Motels
- Miscellaneous Business Services
- Department Stores

### SIMILAR OCCUPATIONS

- Fraud Investigator;
- Alarm Investigator;
- Police Detective;
- Security Consultant;
- Special Agent, RR Transportation;

### PROGRAMS OF STUDY

- Corrections
- Criminal Justice, Other
- Law Enforcement Administration
- Criminal Justice Administration
- Forensic Studies
- Correctional Administration
- Criminal Justice Studies
- Protective Services, Other
- Security Services
- Law Enforcement
- Criminal Justice Technology

### EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 2,297 (in 1993)
  : 2,674 (in 1998)

Average annual number of openings from 1993 to 1998: 417
This trend indicates a 16% change.

FLORIDA
# VIEW
## Vital Information for Education and Work

Title: **PROCUREMENT CLERK**
SOC No. 4754200
DOT No. 249.367-066
GOE Interest Area: 07.01 Administrative Detail

### DESCRIPTION

Compiles information and records to prepare purchase orders for the purchase of materials for businesses. Writes or types purchase orders and sends copy to supplier and department that requested material.

RELATED EDUCATION PROGRAMS: Shipping, Receiving and Stock Clerk; On-the-job training.

EMPLOYERS: Employed in most industries. Largest numbers in hospitals, electrical and electronic product manufacturers, and federal agencies.

MORE INFORMATION: Local State Job Service Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 249.367-066 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- meeting strict standards.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government
- Hospitals
- Hotels and Motels

### SIMILAR OCCUPATIONS

- Order Clerk, Merchandise, Materials
- Expediter;
- Parts Order and Stock Clerk;
- Parts Lister;
- Purchasing Agent, Wholesale or Retail

### PROGRAMS OF STUDY

- Typing, General Office, & Related Programs, Other
- Typing, General Office, & Related Programs, General
- Warehouse Services Marketing

### EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1,767 (in 1993)
  : 1,982 (in 1998)

Average annual number of openings from 1993 to 1998: 104
This trend indicates a 12% change.

VIEW No. 306

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **PRODUCTION MACHINE TENDER**
SOC No. 7529331
DOT No. 609.685-018
GOE Interest Area: 06.04 Elemental Work: Industrial

### DESCRIPTION

Attends to machine tools, such as lathes, drill presses, milling machines, grinders or special purpose machines. Use hand or hoist to lift workpieces or load automatic feeding machine. Checks workpieces to make sure they meet required standards. Changes worn tools.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 609.685-018 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

### HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS - You would like work with:

- taking responsibility.
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Industrial and Commercial Equipment
- Electric Lighting and Wiring
- Miscellaneous Fabricated Metal Products

### SIMILAR OCCUPATIONS

- Machinist;
- Laborer, General Machine Shop;
- Metal Fabricating Machine Operator;
- Maintenance Machinist;
- Machine Tool Cutter;

### PROGRAMS OF STUDY

- Machine Tool Operation/Machine Shop

### EDUCATION LEVEL

- grade 12 completed.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

• Projected number of employees: 825 (in 1993)
: 922 (in 1998)

Average annual number of openings from 1993 to 1998: 44
This trend indicates a 12% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: PROOFREADER**
SOC No. 4792000
DOT No. 209.387-030
GOE Interest Area: 07.05 Records Processing

## DESCRIPTION

Reads written or typed materials to check for mistakes. May either mark the errors or correct them. Some look for errors in grammar, spelling and punctuation in copy and then use special codes to mark them.
RELATED EDUCATION PROGRAMS: On-the-job training.
EMPLOYERS: Publishing companies; Printing companies; Newspapers; Government agencies; Companies that prepare large amounts of written material.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 209.387-030 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- studying people or communicating ideas.
- detailed, organized work following set sequence.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- dealing with people.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Blanketbooks, Looseleaf Binders, and Bookbinding
- Miscellaneous Publishing
- Newspapers: Publishing or Printing

## SIMILAR OCCUPATIONS

- Copy Cutter;
- Compiler;
- Copy Holder;

## PROGRAMS OF STUDY

- Word Processing

## EDUCATION LEVEL

- grade 8 completed.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,736 (in 1993)
  : 2,012 (in 1998)

Average annual number of openings from 1993 to 1998: 103
This trend indicates a 16% change.

VIEW No. 308

FLORIDA
# VIEW
**Vital Information for Education and Work**

Title: **PROPERTY AND REAL ESTATE MANAGER**
SOC No. 1353500
DOT No. 186.167-046
GOE Interest Area: 11.11 Business Management

### DESCRIPTION

Coordinates property management, leasing, purchasing and sales activities. Shows building, land, or property to clients. Arranges loans, lease agreements or sales contracts. Some manage apartment complexes or housing projects.
RELATED EDUCATION PROGRAMS: Real Estate; Property Management.
EMPLOYERS: Apartment complexes; Real Estate agencies; Mining and oil companies; Self-employed.
MORE INFORMATION: National Association of Realtors; 430 N Michigan Ave; Chicago, IL 60611 State Real Estate Board. ** Special Note ** Florida State requires licensure regulated by the Department of Professional Regulation.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- hearing.
- speaking.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 186.167-046 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:
- business contact with people.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- taking responsibility.
- many changing duties.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Real Estate Operators (Ex. Developers) and Lessors
- Self-employed
- Real Estate Agents and Managers

### SIMILAR OCCUPATIONS

- Manager, Real Estate Firm;
- Real Estate Sales Agent or Broker;
- Building Superintendent;
- Leasing Manager;
- Apartment House Manager;
- Property Leasing Agent;

### PROGRAMS OF STUDY

- Real Estate

### EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 28,051 (in 1993)
  : 32,095 (in 1998)

Average annual number of openings from 1993 to 1998: 3,597
This trend indicates a 14% change.

F L O R I D A
# VIEW
Vital Information for Education and Work

Title: **PSYCHIATRIC AIDE**
SOC No. 5236400
DOT No. 355.377-014
GOE Interest Area: 10.03 Child and Adult Care

## DESCRIPTION
Provides care for mentally ill patients under the direction of nursing and medical staff. Assists patients with bathing, dressing, grooming, eating, and socializing. May administer medications. Works as a team member with psychiatrist, psychologist, psychiatric nurse, and therapist.

RELATED EDUCATION PROGRAMS: Mental Health/Human Services Assisting; Nursing Assisting.

EMPLOYERS: Hospitals, Government agencies; Nursing homes

MORE INFORMATION: American Hospital Association; 840 North Lake Shore Dr; Chicago, IL 60611

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- lifting.
- carrying.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- walking.
- hearing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 355.377-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:
- detailed, organized work following set sequence.
- working to improve social conditions.
- studying people or communicating ideas.

## TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Hospitals
- Home Health Care Services
- Nursing and Personal Care Facilities

## SIMILAR OCCUPATIONS
- Psychiatric Technician (N/E);
- Nurse Aide or Orderly;
- Geriatric Nurse Assistant (N/E);

## PROGRAMS OF STUDY
- Nursing Assisting
- Mental Health/Human Services Assisting
- Psychiatric/Mental Health
- Mental Health/Human Services Technology

## EDUCATION LEVEL
- 9 to 12 years education.

## AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 4,972 (in 1993)
  : 5,896 (in 1998)

Average annual number of openings from 1993 to 1998: 408
This trend indicates a 19% change.

VIEW No. 310

# FLORIDA VIEW

Vital Information for Education and Work

Title: **PUNCH MACHINE SET-UP OPERATOR**
SOC No. 7314100
DOT No. 615.685-030
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Sets up, or sets up and operates machines to punch, crimp or notch metal or plastic work pieces. Follows blueprints or work orders to install and adjust machine attachments. Tests and adjusts machine feeds and guides.

RELATED EDUCATION PROGRAMS: Metal Fabrication; Sheet Metal. On-the-job training.

EMPLOYERS: Companies that make products out of metal or machinery and electrical/electronic equipment.

MORE INFORMATION: The National Tooling and Machining Association; 9300 Livingston Rd; Ft. Washington, MD 20744

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- carrying.
- standing for a long time.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The [illegible] the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 615.685-030 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Ordnance and Accessories, Except Vehicles and Guided Missiles
- Fabricated Structural Metal Products
- Miscellaneous Furniture and Fixtures

## SIMILAR OCCUPATIONS

- Ironworker Machine Operator;
- Rolling Mill Operator;
- Duplicator Punch Operator;
- Job Setter;
- Punch Press Setter;
- Punch Press Operator

## PROGRAMS OF STUDY

- Sheet Metal
- Precision Metal Work, General

## EDUCATION LEVEL

- 10 to 12 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,762 (in 1993)
  : 1,937 (in 1998)

Average annual number of openings from 1993 to 1998: 112
This trend indicates a 10% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: PURCHASING AGENT, FARM PRODUCTS**
SOC No. 1443100
DOT No. 162.157-010
GOE Interest Area: 08.01 Sales Technology

## DESCRIPTION

Buys farm products such as grain or tobacco for further processing or resale to companies. May also sell the products and arrange for their shipment and storage. May specialize in type of product purchased.

RELATED EDUCATION PROGRAMS: Agricultural Supplies Marketing.

EMPLOYERS: Brokerage firms; Grain and feed mills; Wholesale firms that deal in grain or tobacco.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside. • work requiring travel.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- hearing.
- speaking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 162.157-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(5) Persuading: Winning others over to a product, service, or point of view.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

VIEW No. 312

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- decisions based on personal judgment.
- decisions based on facts.
- influencing people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Groceries and Related Products
- Machinery, Equipment and Supplies

## SIMILAR OCCUPATIONS

- Broker-and-Market Operator, Grain;
- Christmas-Tree Contractor;
- Field Contractor;
- Head Tobacco Buyer;
- Clean Rice Broker;

## PROGRAMS OF STUDY

- Agricultural Services & Supplies, General
- Agricultural Services

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,706 (in 1993)
  : 1,896 (in 1998)

Average annual number of openings from 1993 to 1998: 160
This trend indicates a 11% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **PURCHASING AGENT, WHOLESALE OR RETAIL**
SOC No. 1449000
DOT No. 162.157-038
GOE Interest Area: 11.05 Business Administration

## DESCRIPTION

Buys supplies or raw materials for internal use or for further processing by manufacturing firms. May purchase equipment, machinery, or tools for the operation of the establishment. Reviews internal requests, and contacts vendors. Keeps records of items bought to track cost and product performance.
RELATED EDUCATION PROGRAMS: Purchasing. Certification available.
EMPLOYERS: Any large manufacturing plant.
MORE INFORMATION: National Association of Purchasing Management, Inc; P. O. Box 418; Oradell, NJ 07649

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • work requiring travel. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 162.157-038 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure tne steps are done on time and correctly.

(5) Persuading: Winning others over to a product, service, or point of view.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- influencing people.
- decisions based on facts.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government
- Public Finance, Taxation and Monetary Policy
- Guided Missiles and Space Vehicles and Parts

## SIMILAR OCCUPATIONS

- Contract Specialist;
- Outside Property Agent;
- Purchase Price Analyst;
- Research-Contracts Supervisor;
- Contract Administrator;
- Procurement Engineer;

## PROGRAMS OF STUDY

- Retailing
- Contract Management & Procurement/Purchasing
- Purchasing

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 9,280 (in 1993)
  : 10,448 (in 1998)

Average annual number of openings from 1993 to 1998: 579
This trend indicates a 13% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: PURCHASING MANAGER**
SOC No. 1240100
DOT No. 162.167-022
GOE Interest Area: 11.05 Business Administration

### DESCRIPTION

**Plans, directs and coordinates buying activities for a store or company. Supervises the work of buyers, purchasing agents, and other workers who are involved in the purchasing of goods, materials, or services. May work in wholesale or retail trade. May report on present and future availability of goods.**

RELATED TRAINING: Purchasing.

EMPLOYERS: Over 70% in wholesale and retail trade; Government agencies; Military services.

MORE INFORMATION: National Association of Purchasing Management, Inc., P.O. Box 418, Oradell, NJ 07649. Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- no unusual travel or irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 162.167-022 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

- The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.

### TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- decisions based on facts.
- dealing with people.
- decisions based on personal judgment.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Grocery Stores
- Home Furniture and Furnishings Stores
- Machinery, Equipment and Supplies

### SIMILAR OCCUPATIONS

- Purchasing Agent, Wholesale or Retail
- Manager, Merchandise;
- Purchasing and Contracting Manager/Off (Mil)
- Superintendent, Commissary;

### PROGRAMS OF STUDY

- Purchasing
- Contract Management & Procurement/Purchasing
- Marketing, General
- Retailing

### EDUCATION LEVEL

- Undergraduate Degree.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 16,794 (in 1993)
  : 19,383 (in 1998)

Average annual number of openings from 1993 to 1998: 984
This trend indicates a 15% change.

VIEW No. 314

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **RADIATION THERAPY TECHNOLOGIST**
SOC No. 3650200
DOT No. 078.361-034
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

## DESCRIPTION

Administers radiation therapy to patients. Maintains records, exercises judgement in administration of prescribed courses of treatment, tumor localization, and dosimetry. Concerned with principles of radiation protection.
RELATED TRAINING PROGRAMS: Radiologic (Medical) Technology; Medical Radiation Dosimetry. Accredited by CAHEA.
EMPLOYERS: Most work in hospitals, cancer centers, private offices.
MORE INFORMATION: ASRT Educational Foundation, Inc., 15000 Central Ave., SE, Albuquerque, NM 87123. **SPECIAL NOTE** Florida Statute requires licensure regulated by the Department of Health and Rehabilitative Services.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 078.361-034 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working to improve social conditions.
- scientific or technical work.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- dealing with people.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Medical and Dental Laboratories
- Offices of Physicians

## SIMILAR OCCUPATIONS

- Nuclear Medicine Technologist (N/E);
- Radiologic Technologist (N/E);
- Radiologic (X-Ray) Technician/Enl (Mil)

## PROGRAMS OF STUDY

- Diagnostic Medical Sonography
- Radiologic (Medical) Technology
- Medical Radiation Dosimetry

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 4,660 (in 1993)
  : 5,500 (in 1998)

Average annual number of openings from 1993 to 1998: 212
This trend indicates a 18% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: RADIO AND TELEVISION ANNOUNCER**
SOC No. 3330000
DOT No. 159.147-010
GOE Interest Area: 01.03 Performing Arts: Drama

## DESCRIPTION

Introduces and hosts radio and TV programs. Interviews guests and acts as master of ceremonies. May operate the control board, sell advertising time, and write commercials or news copy. Announcers in TV may specialize in sports, weather or general news. Radio announcers may play music or host talk shows.
RELATED TRAINING: Radio/TV New Broadcast; Radio/TV; General Radio/TV Production and Broadcasting Technology; Military.
EMPLOYERS: Radio and TV broadcasting stations. Military services.
MORE INFORMATION: National Assoc. of Broadcasters, 1771 N St NW, Washington, D.C. 20036. Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 159.147-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(4) Diverting: Amusing others. Saying or doing things that people find interesting. May work on stage, radio, TV or movies.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Motion Picture Production and Allied Services
- Self-Employed
- Radio and Television Broadcasting Stations

## SIMILAR OCCUPATIONS

- Newscaster;
- Disk Jockey;
- Radio and Television Announcer;
- Radio Operator;

## PROGRAMS OF STUDY

- Communications, General
- Speech, Debate, & Forensics
- Creative Writing
- Composition
- English, General
- Radio/Television Production & Broadcasting Technology
- Communications, Other
- Telecommunications
- Radio/Television, General
- Radio/Television News Broadcast
- Journalism (Mass Communications)
- Communications Research
- Technical & Business Writing

## EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,734 (in 1993)
  : 3,208 (in 1998)

Average annual number of openings from 1993 to 1998: 122
This trend indicates a 17% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **RADIO MECHANIC**
SOC No. 6151400
DOT No. 823.261-018
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Installs and repairs stationary and mobile radio transmitting and receiving equipment. Reads diagrams and manufacturer's specifications. Uses hand tools and electrical measuring instruments. Finds and replaces loose or broken connections or wires. May repair intercommunication telephone systems.
RELATED EDUCATION PROGRAMS: Communications Electronics. Military services.
EMPLOYERS: Radio and airlines.
MORE INFORMATION: Communications Workers of America, 1925 K St NW; Washington, D.C. 20006. **SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing differences in color.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 823.261-018 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Air Transportation, Scheduled, and Air Courier Service
- Airports, Flying Fields, and Airport Terminal Services
- Electrical Repair Shops

## SIMILAR OCCUPATIONS

- Meteorological-Equipment Repairer;
- Television Installer;
- Radio Equipment Repairer/Enl (Mil);
- Antenna Installer, Satellite Communications
- Antenna Installer;

## PROGRAMS OF STUDY

- Industrial Equipment Maintenance & Repair, General
- Communication Electronics

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 609 (in 1993)
  : 700 (in 1998)

Average annual number of openings from 1993 to 1998: 40
This trend indicates a 15% change.

FLORIDA
# VIEW
Vital Information for Education and Work

**Title: RADIO OPERATOR**
SOC No. 3930000
DOT No. 193.262-022
GOE Interest Area: 07.04 Oral Communications

## DESCRIPTION
Transmits and receives messages using radio equipment. Follows government regulations. May repair radio equipment. Monitors equipment operation to detect problems. Operates control panels on equipment.
RELATED TRAINING: Communications; Electronics.
EMPLOYERS: Airports; Harbors; Police stations; Fire stations.
MORE INFORMATION: Federal Communications Commission; 1919 M St, NW, Washington, D.C. 20054.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- speaking.
- reaching, handling, fingering, or feeling.
- seeing differences in color.
- hearing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 193.262-022 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:
- studying people or communicating ideas.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Public Finance, Taxation and Monetary Policy
- Communications Services, not Elsewhere Classified
- Justice, Public Order and Safety

## SIMILAR OCCUPATIONS
- Radio Station Operator;
- Audio Operator;
- Radio Intelligence Operator/Enl (Mil)
- Radio Dispatcher;
- Field Engineer;

## PROGRAMS OF STUDY
- Communication Electronics

## EDUCATION LEVEL
- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 761 (in 1993)
  : 859 (in 1998)

Average annual number of openings from 1993 to 1998: 40
This trend indicates a 13% change.

VIEW No. 318

FLORIDA
VIEW
Vital Information for Education and Work

Title: **RADIOLOGIC TECHNOLOGIST (N/E)**
SOC No. 3650100
DOT No. 078.362-026
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

## DESCRIPTION

Takes X-rays or administers nonradioactive materials into patient's blood stream for diagnosis and treatment. Shields exposed areas with lead apron to prevent unnecessary exposure to radiation. Explains procedure and reassures patient. Prepares reports. Is also called Radiographer or X-Ray technician.

RELATED EDUCATION PROGRAMS: Radiograph Medical Technology; Military Services.

EMPLOYERS: Most work in hospitals; also in Doctors' offices, clinics, laboratories; Military Services

MORE INFORMATION: Recruiting Office; Amer. Society of Radiologic Technologists; 15000 Central Ave, SE; Albuquerque, NM 87123-4605 **SPECIAL NOTE** Florida Statute requires licensure regulated by the Dept. of Professional Regulation.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- standing for a long time.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 078.362-026 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupatio (1 = high, 5 = low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working to improve social conditions.
- working on or producing things.
- scientific or technical work.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hospitals

## SIMILAR OCCUPATIONS

- Chemistry Technologist;
- Medical Technologist, Teaching;
- Radiation-Therapy Technologist;
- Nuclear Medicine Technologist (N/E);
- Radiologic (X-Ray) Technician/Enl (Mil)

## PROGRAMS OF STUDY

- Medical Radiation Dosimetry
- Radiologic (Medical) Technology

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

• Projected number of employees: 4,660 (in 1993)
: 5,500 (in 1998)

Average annual number of openings from 1993 to 1998: 212
This trend indicates a 18% change.

FLORIDA

**VIEW**

Vital Information for Education and Work

Title: **RAIL CAR REPAIRER**
SOC No. 6117200
DOT No. 622.381-014
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Repairs and rebuilds railroad locomotives, mine cars, and tank cars following Federal and company specifications. Removes and inspects brake assemblies, locomotive assemblies, or other locomotive parts for damage or wear. Uses hand tools, power tools, welding equipment, and measuring equipment to repair and refit parts.

RELATED EDUCATION PROGRAMS: Heavy Equipment Maintenance and Repair.

EMPLOYER: Railroad companies; Manufacturers of railroad cars; Federal government. **SPECIAL NOTE**Apprenticeship Training Available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- extreme cold.
- noise and vibrations.
- extreme heat.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- carrying.
- climbing or balancing.
- lifting.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 622.381-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

VIEW No. 320

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Railroad Transportation
- Railroad Equipment

### SIMILAR OCCUPATIONS

- Air Compressor Mechanic;
- Mechanical Unit Repairer;
- Streetcar Repairer;
- Car Repairer, Pullman;
- Supervisor, Car and Yard;

### PROGRAMS OF STUDY

- Industrial Equipment Maintenance & Repair, General

### EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 572 (in 1993) |
| : | 500 (in 1998) |

Average annual number of openings from 1993 to 1998: -1
This trend indicates a -1% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **RAILROAD BRAKER, SIGNAL AND SWITCH OPERATOR**
SOC No. 8233100
DOT No. 910.667-026
GOE Interest Area: 05.12 Elemental Work: Mechanical

### DESCRIPTION

Operates railroad track switches and couples cars to make up trains. Also inspects couplings, air hoses, and handbrakes to make sure they work properly. May set out warning signals, reroute train cars and signal other workers.

RELATED EDUCATION PROGRAMS: There are no special educational or training requirements for this job. Special knowledge of the rules for train movement and the signals for trains is required.

EMPLOYERS: Railroad lines.

MORE INFORMATION: Association of American Railroads; 2920 L St. NW; Washington, D.C. 20036

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 910.667-026 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- many changing duties.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Railroad Transportation
- Chemical and Fertilizer Mineral Mining
- Agricultural Chemicals

### SIMILAR OCCUPATIONS

- Brake Holder;
- Drawbridge Operator;
- Braker, Passenger Train;
- Yard Coupler;
- Brake Coupler, Road Freight;

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 601 (in 1993)
  : 542 (in 1998)

Average annual number of openings from 1993 to 1998: -5
This trend indicates a -10% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **RAILROAD CONDUCTOR OR YARDMASTER**
SOC No. 8113100
DOT No. 198.167-010
GOE Interest Area: 11.11 Business Management

## DESCRIPTION

Railroad Conductors coordinate activities of train crews that transport or provide services to passengers on a train. Yardmasters coordinate activities of railroad workers who may connect or route railroad cars on the track. May keep records of freight car contents.

RELATED EDUCATION PROGRAMS: Transportation Marketing.
EMPLOYERS: Railroad lines.
MORE INFORMATION: American Association of Railroads; 1920 L St NW; Washington, D.C. 20034

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- climbing or balancing.
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 198.167-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS - You would like:

- business contact with people.
- directing or organizing, or activities resulting in recognition.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Crushed and Broken Stone
- Chemical and Fertilizer Mineral Mining
- Railroad Transportation

## SIMILAR OCCUPATIONS

- Passenger Car Conductor;
- Pullman Conductor;
- Yard Conductor;
- Yard Manager;
- Road Freight Conductor;

## PROGRAMS OF STUDY

- Transportation & Travel Marketing, General

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 524 (in 1993)
  : 450 (in 1998)

Average annual number of openings from 1993 to 1998: 9
This trend indicates a -1% change.

VIEW No. 322

# FLORIDA VIEW

Vital Information for Education and Work

Title: **REAL ESTATE APPRAISER**
SOC No. 4123000
DOT No. 191.267-010
GOE Interest Area: 11.06 Finance

## DESCRIPTION

Appraises real property to determine the value for purchase, sale, investment, or mortgage loan purposes. Must be knowledgeable of the housing market in the community, and local zoning and tax laws. May advise buyers on financing. May use a computer to compile findings or prepare reports.
RELATED EDUCATION PROGRAMS: Real Estate Appraisal; Real Estate.
EMPLOYERS: Real Estate companies; Credit agencies; Self-employed.
MORE INFORMATION: Society of Real Estate Appraisers; 654 N. Michigan, Ave; Chicago, IL 60611.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- speaking.
- reaching, handling, fingering, or feeling.
- walking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 191.267-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- scientific or technical work.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Real Estate Agents and Managers
- Self-employed
- Non-depository Credit Institutions

## SIMILAR OCCUPATIONS

- Real Estate Sales Agent or Broker;
- Sales Agent, Real Estate;
- Tax Appraiser
- .\ppraiser;

## PROGRAMS OF STUDY

- Real Estate

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 3543 (in 1993)
  : 4087 (in 1998)

Average annual number of openings from 1993 to 1998: 407
This trend indicates a 15% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **REAL ESTATE CLERK**
SOC No. 4630300
DOT No. 219.362-046
GOE Interest Area: 07.01 Administrative Detail

## DESCRIPTION

Performs clerical duties for the rental, sale, and management of real estate. Types copies of listings, figures out the interest owed or penalty payments, checks due notices and renewal of insurance and mortgage loans.

RELATED EDUCATION PROGRAMS: General Office Clerk.

EMPLOYERS: Most are real estate operators and real estate agents or brokers.

MORE INFORMATION: National Association of Realtors; 430 North Michigan Ave; Chicago, IL 60611.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 219.362-046 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Land Subdividers and Developers
- Real Estate Agents and Managers
- Real Estate Operators (Ex. Developers) and Lessors

## SIMILAR OCCUPATIONS

- Credit Card Clerk, Retail Trade;
- General Office Clerk;
- Administrative Clerk;
- Mortgage Loan Computation Clerk;
- Real Estate Sales Agent or Broker;

## PROGRAMS OF STUDY

- Real Estate
- Typing, General Office, & Related Programs, General

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,262 (in 1993)
  : 1,453 (in 1998)

Average annual number of openings from 1993 to 1998: 103
This trend indicates a 15% change.

VIEW No. 324

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **RECREATION AND AMUSEMENT ATTENDANT**
SOC No. 5254100
DOT No. 341.367-010
GOE Interest Area: 07.04 Oral Communications

## DESCRIPTION

Provides services to people at amusement or recreational places, such as golf courses and bowling alleys. Issues equipment and schedules use of facilities. Collects fees and informs players of rules.

RELATED EDUCATION PROGRAMS: Outdoor Recreation. On-the-job training.

EMPLOYERS: Bowling alleys; Amusement parks; Golf clubs; Race tracks; Hotels; Sports clubs.

MORE INFORMATION: Local Office of the State Job Service

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 341.367-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- dealing with people.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Amusement and Recreation Services
- Public Finance, Taxation and Monetary Policy
- Hotels and Motels

## SIMILAR OCCUPATIONS

- Ride Operator
- Desk Clerk, Bowling Floor;
- Recreation Aide;
- Golf Range Attendant;
- Vendor;
- Skate Shop Attendant;

## PROGRAMS OF STUDY

- Leisure & Recreational Activities, Other

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 10,861 (in 1993)
  : 12,637 (in 1998)

Average annual number of openings from 1993 to 1998: 1,299
This trend indicates a 16% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **RECREATION WORKER**
SOC No. 2033200
DOT No. 195.227-014
GOE Interest Area: 09.01 Hospitality Services

### DESCRIPTION

Plans, organizes, and directs activities designed to help people enjoy their free time. Works with children, adults, prisoners, hospital patients or the aged. Directs activities such as hikes, crafts, sports.

RELATED EDUCATION PROGRAMS: Leisure and Recreational Activities; Parks and Recreation; Outdoor Recreation.

EMPLOYERS: Local park and recreation departments; Civic, social and fraternal organizations; Military.

MORE INFORMATION: National Recreation and Park Assoc, 3101 Park Center Dr, Alexandria, VA 22302; Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- walking.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 195.227-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.
- working to improve social conditions.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- dealing with people.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Nursing and Personal Care Facilities
- Civic, Social and Fraternal Associations

### SIMILAR OCCUPATIONS

- Social Director;
- Counselor, Camp;
- Recreation Supervisor;
- Recreation Aide;
- Recreation Specialist/Enl(Mil);

### PROGRAMS OF STUDY

- Leisure & Recreational Activities, Other
- Parks & Recreation, General
- Outdoor Recreation
- Parks and Recreation Management

### EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 9,313 (in 1993)
  : 10,729 (in 1998)

Average annual number of openings from 1993 to 1998: 640
This trend indicates a 15% change.

VIEW No. 326

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: REFUSE COLLECTOR**
SOC No. 8722000
DOT No. 909.687-010
GOE Interest Area: 05.12 Elemental Work: Mechanical

## DESCRIPTION

Collects trash and garbage from assigned route. Loads trash into truck and returns trash containers. Empties truck at landfill. May drive truck.

RELATED TRAINING: On-the-job training.

EMPLOYERS: Local governments; Sanitary services; Private garbage collection companies.

MORE INFORMATION: State Job Service Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- noise and vibrations.
- damp or wet.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- very heavy - might lift or move 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- walking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 909.687-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working on or producing things.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- repeating set tasks.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Trucking and Courier Services, Except Air
- Public Finance, Taxation and Monetary Policy
- Sanitary Services

## SIMILAR OCCUPATIONS

- Conveyer Feeder - Offbearer;
- Yard Laborer;
- Laborer, Stores;
- Dumper;
- Dump Operator

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- no standard educational requirements

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 7,391 (in 1993)
  : 8,345 (in 1998)

Average annual number of openings from 1993 to 1998: 517
This trend indicates a 13% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: REINFORCING METAL WORKER
SOC No. 6473000
DOT No. 801.684-026
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION
**Joins steel framework and other metal parts of structures with bolts, rivets, screws and other fasteners. Determines number, size, shape, and location of reinforcing frame from blueprint or sketches. Helps assemble and install floor gratings, ladders, railings, fences and decorative metalwork.**

**RELATED TRAINING:** On-the-job training.

**EMPLOYERS:** Half work with steel erection contractors, many with nonresidential building contractors. Military services.

**MORE INFORMATION:** Associated General Contractors of America, Inc, 1957 E Street NW, Washington, D.C. 20006. Military Recruiting Office.

****SPECIAL NOTE**** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- risk of injury.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • work requiring travel. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 801.684-026 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

**APTITUDES** - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Miscellaneous Special Trade Contractors
- Masonry, Stonework, Tile Setting and Plastering
- Heavy Construction, Ex. Highways and Streets

## SIMILAR OCCUPATIONS
- Playground Equipment Erector;
- Pneumatic Tool Operator;
- Reinforcing-Metal Worker;
- Ironworker/Enl (Mil);
- Tank Setter;
- Assembler, Metal Buildings;

## PROGRAMS OF STUDY
- Construction Trades, Other

## EDUCATION LEVEL
- grade 12 plus apprenticeship (2-5 years).

## AVERAGE BEGINNING WAGE
- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 1,645 (in 1993)
  : 1,879 (in 1998)

Average annual number of openings from 1993 to 1998: 75
This trend indicates a 14% change.

VIEW No. 328

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **REPORTER OR CORRESPONDENT**
SOC No. 3313500
DOT No. 131.267-018
GOE Interest Area: 11.08 Communications

## DESCRIPTION
Collects and analyzes facts about newsworthy events. Conducts interviews and investigations. Writes newspaper, magazine, radio and television stories. Refers stories to the publication editor for review and approval.

RELATED EDUCATION PROGRAMS: Journalism.

EMPLOYERS: News-papers; Radio; Television; Magazines; Wire services; Military; Some are Self-employed.

MORE INFORMATION: Association for Education, Univ of South Carolina, College St, Columbia, S.C. 29208. Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 131.267-018 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Artistic - includes artistic, musical, and some writing occupations.

## APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS
INTERESTS - You would like:
- business contact with people.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

## TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- influencing people.
- decisions based on personal judgment.
- dealing with people.
- working under stress.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Newspapers: Publishing or Printing
- Radio and Television Broadcasting Stations
- Self-employed

## SIMILAR OCCUPATIONS
- Screen Writer
- Reporter and Newswriter/Enl (Mil);
- Copy Writer;
- Newswriter;
- Continuity Writer;
- Critic;

## PROGRAMS OF STUDY
- Radio/Television, General
- Radio/Television News Broadcast
- Journalism (Mass Communications)
- Communications Research
- Communications, General
- English, General
- Radio/Television Production & Broadcasting Technology
- Communications, Other
- Composition
- Technical & Business Writing
- Speech, Debate, & Forensics
- Creative Writing

## EDUCATION LEVEL
- Undergraduate Degree.

## AVERAGE BEGINNING WAGE
- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 4,189 (in 1993)
  : 4,711 (in 1998)

Average annual number of openings from 1993 to 1998: 279
This trend indicates a 12% change.

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **RESERVATION AND TICKET AGENT**
SOC No. 4644000
DOT No. 238.367-026
GOE Interest Area: 07.04 Oral Communications

DESCRIPTION
Helps people who travel. Some plan travel routes and schedules and obtain reservations for people on planes, trains, etc. Also plans auto trips, prepares travel information, reserves hotel rooms, and issues travel tickets. May check baggage and direct passengers to plane, dock, or track.
RELATED EDUCATION PROGRAMS: Tourism; Travel Services Marketing; Military services.
EMPLOYERS: Most are in air transportation services; Military services.
MORE INFORMATION: Major Airline Companies; Military Recruiting Office.

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

PHYSICAL DEMANDS
The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 238.367-026 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

HOLLAND TYPES
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:
- business contact with people.
- detailed, organized work following set sequence.
- studying people or communicating ideas.

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- dealing with people.
- decisions based on facts.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Air Transportation, Scheduled, and Air Courier Service
- Arrangement of Passenger Transportation
- Deep Sea Foreign Transportation of Freight

SIMILAR OCCUPATIONS
- Transportation Specialist/Enl (Mil);
- Travel Clerk, Governmental Services;
- Gate Agent;
- Travel Agent;
- Scheduler;

PROGRAMS OF STUDY
- Transportation & Travel Marketing, General
- Tourism
- Travel Services Marketing

EDUCATION LEVEL
- HS Graduation or 1 to 2 years Comm. Coll. Voc/Tech. or Univ

AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK
- Projected number of employees: 11,136 (in 1993)
  : 12,050 (in 1998)

Average annual number of openings from 1993 to 1998: 368
This trend indicates a 8% change.

VIEW No. 330

FLORIDA
**VIEW**
Vital Information for Education and Work

Title: **RESPIRATORY THERAPIST**
SOC No. 3031000
DOT No. 079.361-010
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

## DESCRIPTION

Treats patients with breathing problems. This may range from giving short term relief to asthma patients to emergency care of heart failure. Sets up and operates various types of equipment such as ventilators, oxygen tents.
RELATED EDUCATION PROGRAMS: Respiratory Therapy; Respiratory Therapy Technology. Certification Available. Accredited by CAHEA.
EMPLOYERS: Most are hospitals. Also Military Services.
MORE INFORMATION: American Assoc. for Respiratory Care, 11030 Ables Lane, Dallas, TX 75229; Military Recruiting Office. ** Special Note ** Florida Statute requires licensure regulated by the Dept. of Professional Regulation.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 079.361-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- studying people or communicating ideas.
- working to improve social conditions.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- working under stress.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hospitals
- Public Finance, Taxation and Monetary Policy
- Justice, Public Order and Safety

## SIMILAR OCCUPATIONS

- Respiratory Therapist/Enl (Mil);
- Pulmonary-Function Technician;
- Emergency Medical Technician;
- Dialysis Technician (N/E);
- Respiratory Therapy Aide;
- Perfusionist;

## PROGRAMS OF STUDY

- Respiratory Therapy
- Respiratory Therapy Assisting

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 4,057 (in 1993) |
| : | 4,781 (in 1998) |

Average annual number of openings from 1993 to 1998: 183
This trend indicates a 18% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **RESTAURANT ATTENDANT**
SOC No. 5218100
DOT No. 313.361-014
GOE Interest Area: 09.05 Attendant Services

## DESCRIPTION

Does many tasks to facilitate food service. Clears and resets tables, and carries soiled dishes to the kitchen. Replaces soiled table linens and sets tables with silverware and glassware. May serve water or coffee to customers.
May carry food to serving counters.
RELATED EDUCATION PROGRAMS: On-the-job training

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- stooping, kneeling, crouching, or crawling.
- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 313.361-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Amusement and Recreation Services
- Eating and Drinking Places
- Hotels and Motels

## SIMILAR OCCUPATIONS

- Bartender Helper;
- Cafeteria Attendant;
- Counter-Supply Worker;
- Dining Room Attendant;

## PROGRAMS OF STUDY

- Waiter/Waitress and Related Services

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 24,906 (in 1993)
  : 28,895 (in 1998)

Average annual number of openings from 1993 to 1998: 1,325
This trend indicates a 16% change

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **RIGGER**
SOC No. 6177000
DOT No. 806.261-014
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Sets up and repairs ropes, chains, and other devices used to support and position equipment and materials. May install and repair rigging used on ships to lift and move heavy loads or support masts and sails.

RELATED EDUCATION PROGRAMS: Construction Equipment Operation; Marine maintenance; Military services.

EMPLOYERS: Heavy construction contractors; Ship and boat building and repair; Military services.

MORE INFORMATION: Direct contact with potential employers; Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme heat.
- extreme cold.
- risk of injury.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • work requiring travel. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- pushing or pulling.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.
- walking.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 806.261-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Water Transportation Service
- Federal Government
- Ship and Boat Building and Repairing

### SIMILAR OCCUPATIONS

- Rigger Helper
- Rigger/Enl (Mil);
- Running Rigger;
- High Rigger;
- Rigging Slinger;
- Supervisor, Rigger;

### PROGRAMS OF STUDY

- Marine Maintenance
- Construction Equipment Operation
- Health Science Administration, Other

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 1050 (in 1993)
  : 1165 (in 1998)

Average annual number of openings from 1993 to 1998: 60
This trend indicates a 11% change.

F L O R I D A

# VIEW

## Vital Information for Education and Work

Title: **ROOFER**
SOC No. 6468100
DOT No. 866.381-010
GOE Interest Area: 05.10 Crafts

### DESCRIPTION

Covers the tops of buildings with materials such as asbestos and asphalt to insulate them and make them waterproof. Installs and repairs various kinds of roofing. Measures, cuts, and lays shingles and tiles.
RELATED EDUCATION PROGRAMS: Roofing. May learn through on-the-job training.
EMPLOYERS: Special trades construction contractors doing roofing work; General residence builders; Self-employed.
MORE INFORMATION: National Roofing Contractors Association, 6250 River Road, Rosemont, IL 60018 SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme cold.
- dust, fumes, odors, poor ventilation.
- risk of injury.
- extreme heat.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 866.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Plumbing, Heating, and Air-conditioning
- Roofing and Sheet Metal Work
- Self-employed

### SIMILAR OCCUPATIONS

- Roofing Machine Operator;
- Roof Fitter;
- Roofer Applicator;

### PROGRAMS OF STUDY

- Roofing

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 8,834 (in 1993)
  : 10,028 (in 1998)

Average annual number of openings from 1993 to 1998: 347
This trend indicates a 14% change.

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **ROUSTABOUT**
SOC No. 6560200
DOT No. 869.684-046
GOE Interest Area: 05.10 Crafts

### DESCRIPTION

Assembles and repairs oil field machinery and equipment, using hand and power tools. Digs holes, sets forms, and mixes concrete to make foundations. Bolts wood or steel to erect framework over the drilled hole.
RELATED EDUCATION PROGRAMS: Oil and Gas Drilling Equipment Operation and Maintenance; On-the-job training.
EMPLOYERS: Oil and gas drilling and exploration companies.
MORE INFORMATION: Oil, Chemical and Atomic Workers' International Union; 1636 Champa; Denver, CO 80202

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

### LOCATION AND HOURS OF WORK

Most of this work tends to be:

- outside.

and will probably involve:

- rotating shift work.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- pushing or pulling.
- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- walking.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 869.684-046 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- working under stress.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Crude Petroleum and Natural Gas
- Oil and Gas Field Services

### SIMILAR OCCUPATIONS

- Coal Mining Equipment Operator;
- Oil-Well Service Operator;
- Well-Service Floor Worker;
- Oil Pipe Inspector Helper;

### PROGRAMS OF STUDY

- Industrial Equipment Maintenance & Repair, General

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 80 (in 1993)
  : 84 (in 1998)

Average annual number of openings from 1993 to 1998: 4
This trend indicates a 5% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **SAFETY ENGINEER**
SOC No. 1634600
DOT No. 012.061-014
GOE Interest Area: 05.01 Engineering

## DESCRIPTION

Applies knowledge of industry operations, chemistry, mechanics, psychology, and occupational safety and health laws to prevent hazardous work conditions. Examines plans and specifications for new machinery or equipment to make sure all safety precautions have been met. Educates workers on existing dangers through safety-first campaigns. May conduct safety or first-aid classes.

RELATED EDUCATION PROGRAMS: Industrial Engineering. License required.

EMPLOYERS: Large manufacturing companies; Engineering consulting firms; Government agencies.

MORE INFORMATION: American Society of Safety Engineers; 850 Busse Highway; Park Ridge, IL 60068

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- work requiring travel.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 012.061-014 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working to improve social conditions.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government
- Insurance Agents, Brokers, and Service
- Fire, Marine, and Casualty Insurance

## SIMILAR OCCUPATIONS

- Standards Engineer;
- Quality Control Director;
- Safety Engineer;
- Fire Protection Engineer;
- Industrial Health Engineer;
- Industrial Engineer;

## PROGRAMS OF STUDY

- Industrial Engineering

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 760 (in 1993)
  : 848 (in 1998)

Average annual number of openings from 1993 to 1998: 39
This trend indicates a 12% change.

VIEW No. 336

FLORIDA VIEW

Vital Information for Education and Work

Title: **SAILOR**
SOC No. 8243000
DOT No. 911.687-030
GOE Interest Area: 05.12 Elemental Work: Mechanical

DESCRIPTION

Stands deck watch by looking out for obstructions in ship's path or other vessels. Maintains painted surface of ship. Maintains lines and deck equipment. May oil and grease moving parts of engines. Measures water depth. Breaks out and stores gear. May load or unload cargo.

RELATED TRAINING: Sailors and deckhands must hold government issued certification. Tanker certification may also be required.

EMPLOYERS: Shipping lines; Merchant Marine; Cruise ship lines.

MORE INFORMATION: U.S. Maritime Administration, 15th and E Streets NW, Washington, D.C. 20230.

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- damp or wet.
- risk of injury.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • rotating shift work. |

PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- lifting.
- carrying.
- pushing or pulling.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.
- walking.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 911.687-030 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupatio
(1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- decisions based on facts.

THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Local Water Transportation
- Water Transportation of Freight, not Elsewhere Classified
- Water Transportation Service

SIMILAR OCCUPATIONS

- Sailor, Pleasure Craft;
- Seaman/Enl (Mil);
- Able Seaman;
- Deckhand;
- Marine Oiler;
- Ordinary Seamen;

PROGRAMS OF STUDY

- Sailors & Deckhands
- Barge & Boat Operation

EDUCATION LEVEL

- 9 to 12 years education.

AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

FUTURE OUTLOOK

- Projected number of employees: 524 (in 1993)
  : 582 (in 1998)

Average annual number of openings from 1993 to 1998: 26
This trend indicates a 11% change.

# FLORIDA VIEW

Vital Information for Education and Work

Title: **SALES REPRESENTATIVE, BUSINESS SERVICES**
SOC No. 4152300
DOT No. 251.357-010
GOE Interest Area: 08.02 General Sales

## DESCRIPTION

Sells business services, such as building maintenance, security, credit reporting and telephone answering. Contacts potential customers by phone or in person and presents available services. May specialize in telephone communications, or computer consulting services.

RELATED EDUCATION PROGRAMS: Marketing of Business or Personal Services.

EMPLOYERS: Firms that sell services to support business operations such as building maintenance, personnel services, bookkeeping, printing, office automation, and security.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 251.357-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(5) Persuading: Winning others over to a product, service, or point of view.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- studying people or communicating ideas.

TEMPERAMENTS - You would like work with:

- dealing with people.
- decisions based on personal judgment.
- influencing people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-Employed
- Miscellaneous Business Services
- Services to Dwellings and Other Buildings

## SIMILAR OCCUPATIONS

- Sales Representative, Security Systems;
- Sales Representative, Data Processing Services
- Sales Agent, Pest Control Service;
- Sales Representative, Telephone Services
- Sales Representative, Printing;

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 12,987 (in 1993)
  : 15,047 (in 1998)

Average annual number of openings from 1993 to 1998: 1,039
This trend indicates a 16% change.

VIEW No. 338

FLORIDA
VIEW
Vital Information for Education and Work

Title: **SALESPERSON, AUTOMOBILE ACCESSORIES**
SOC No. 4342208
DOT No. 273.357-030
GOE Interest Area: 08.02 General Sales

## DESCRIPTION

Sells automobile supplies and accessories, such as tires, batteries, seat covers, headlights, and mufflers. Finds out the make and year of automobile. Looks up the part in catalog to find out stock number. Fills out sales receipts and collects payment from customer.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- weekend work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 273.357-030 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(5) Persuading: Winning others over to a product, service, or point of view.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS

You would like:

- business contact with people.
- working with things, numbers or objects.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

## TEMPERAMENTS

You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- dealing with people.
- influencing people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Grocery Stores
- Miscellaneous Shopping Goods Stores

## SIMILAR OCCUPATIONS

- Salesperson, Parts;
- Sales Representative, Boats and Marine Sales
- Manager, Insurance Office
- Salesperson, Automobiles;
- Sales Representative, Wholesale;

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 244,835 (in 1993)
  : 277,438 (in 1998)

Average annual number of openings from 1993 to 1998: 3,155
This trend indicates a 13% change.

FLORIDA VIEW

Vital Information for Education and Work

Title: **SALESPERSON, PARTS**
SOC No. 4367100
DOT No. 279.357-062
GOE Interest Area: 08.02 General Sales

DESCRIPTION

Works behind counters in repair shops or parts stores. Sells spare or replacement parts for such items as appliances, machines, equipment, or motor vehicles. Also prepares sales slips, receives payments, and keeps records of parts. May use a computer to track inventory.
RELATED EDUCATION PROGRAMS: Sales; Retailing; On-the-job training.
EMPLOYERS: Automobile repair shops; Parts or equipment stores; Appliance stores and repair shops.
MORE INFORMATION: Local Job Service Office.

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 279.357-062 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(5) Persuading: Winning others over to a product, service, or point of view.

(7) Handling: Moving or carrying things.

HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- business contact with people.
- working with things, numbers or objects.
- studying people or communicating ideas.

TEMPERAMENTS - You would like work with:
- dealing with people.
- influencing people.
- decisions based on personal judgment.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Auto and Home Supply Stores
- Motor Vehicle Dealers (New and Used)
- Motor Vehicles and Auto Part

SIMILAR OCCUPATIONS
- Parts Clerk;
- Salesperson, Household Appliances;
- Sales Representative, Farm & Garden Equipment
- Sales Representative, Electronic Parts;
- Salesperson, Stereo Equipment;
- Sales Representative, Aircraft Equipment
- Auction Clerk

PROGRAMS OF STUDY
- Retailing
- Automotive Vehicles & Accessories Marketing

EDUCATION LEVEL
- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

FUTURE OUTLOOK
- Projected number of employees: 16654 (in 1993)
  : 18783 (in 1998)

Average annual number of openings from 1993 to 1998: 833
This trend indicates a 13% change.

VIEW No. 340

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **SALESPERSON, SPORTING GOODS**
SOC No. 4345208
DOT No. 277.357-058
GOE Interest Area: 08.02 General Sales

## DESCRIPTION

Sells sporting goods and athletic equipment. Helps customers choose the type equipment they need, such as length of golf club, weight of bowling ball, and caliber of rifle. Explains how to take care of equipment. Tells customers about hunting and fishing regulations. Informs customers about areas for hunting, fishing, skiing, or camping. Fills out sales receipt and collects payment from customer.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • weekend work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 277.357-058 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(5) Persuading: Winning others over to a product, service, or point of view.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- influencing people.
- decisions based on personal judgment.
- dealing with people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Department Stores

## SIMILAR OCCUPATIONS

- Manager, Insurance Office
- Sales Representative, Boats and Marine Sales
- Sales Representative, Wholesale;

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 244,835 (in 1993)
  : 277,438 (in 1998)

Average annual number of openings from 1993 to 1998: 3,155
This trend indicates a 13% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: SAWING MACHINE SETTER AND OPERATOR**
SOC No. 7633300
DOT No. 667.662-010
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Sets up and operates machines used to saw wood to size. Examines work order, drawings or blueprints to determine size and shape of items to be sawed. Starts saw to cut log. Examines log to determine if adjustments are needed.

RELATED EDUCATION PROGRAMS: Millwork and Cabinet Making; On-the-job training.

EMPLOYERS: Manufacturers of lumber and wood products and of furniture.

MORE INFORMATION: International Woodworkers of America U.S.; Research and Education Departments; 25 Cornell Avenue; Gladstone, OR 97027

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 667.662-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

VIEW No. 342

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Millwork, Plywood, and Structural Wood Millwork
- Wooden Containers
- Self-employed

## SIMILAR OCCUPATIONS

- Radial Arm Saw Operator;
- Ripsaw Operator;
- Band-Saw Operator;
- Sawmill Worker;
- Jigsaw Operator;
- Buzzsaw Operator;

## PROGRAMS OF STUDY

- Woodworking, General
- Machine Tool Operation/Machine Shop

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,574 (in 1993)
  : 1,702 (in 1998)

Average annual number of openings from 1993 to 1998: 86
This trend indicates a 8% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **SCHOOL BUS DRIVER**
SOC No. 8215100
DOT No. 913.463-010
GOE Interest Area: 09.03 Passenger Services

## DESCRIPTION

Takes students to schools in the morning and returns them to their bus stop location at the end of each school day. Maintains order during the trip and follows safety rules when loading and unloading students.
RELATED EDUCATION PROGRAMS: Truck and Bus Driving
EMPLOYERS: School systems; Companies that provide school bus services.
MORE INFORMATION: Local System Personnel Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 913.463-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- decisions based on personal judgment.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- School Buses
- Elementary and Secondary Schools
- Child Day Care Services

## SIMILAR OCCUPATIONS

- Taxi Driver or Chauffeur;
- Light Truck Driver;
- Heavy Truck Driver;
- Bus Driver;

## PROGRAMS OF STUDY

- Truck & Bus Driving

## EDUCATION LEVEL

- 9 to 12 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 13,491 (in 1993)
  : 15,004 (in 1998)

Average annual number of openings from 1993 to 1998: 875
This trend indicates a 11% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **SCREEN PRINTING MACHINE SET-UP OPERATOR**
SOC No. 7449100
DOT No. 979.684-034
GOE Interest Area: 06.01 Production Technology

## DESCRIPTION

Sets up or sets up and operates screen printing machines to print designs onto articles and materials, such as glass or plastic containers, cloth or paper. Reads work orders or blueprints. Uses handtools and measuring devices.

RELATED EDUCATION PROGRAMS: Silk Screen Making and Printing.

EMPLOYERS: Commercial printers; Manufacturers of electronic components; Textile mills.

MORE INFORMATION: Graphic Communications International Union; 1900 L St, NW, Washington, D.C. 20036

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- standing for a long time.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 979.684-034 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Commercial Printing
- Miscellaneous Fabricated Textile Products
- Textile Finishing, Except Wool

## SIMILAR OCCUPATIONS

- Decorating Equipment Setter;
- Silk Screen Printer, Machine;
- Section Leader, Screen Printing;
- Screen Painter;
- Inspector, Screen Printing;

## PROGRAMS OF STUDY

- Graphic & Printing Communications, General

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 1,296 (in 1993) |
| : | 1,472 (in 1998) |

Average annual number of openings from 1993 to 1998: 68
This trend indicates a 14% change.

# FLORIDA VIEW

Vital Information for Education and Work

Title: **SECRETARY**
SOC No. 4622200
DOT No. 201.362-030
GOE Interest Area: 07.01 Administrative Detail

## DESCRIPTION

Composes, types and files routine correspondence. Answers telephone, gives information to callers and takes messages. May use a computer to schedule appointments, prepare correspondence. May schedule travel or meetings. Works as a team member in an office, assisting with clerical or administrative work as necessary.
RELATED TRAINING: Executive Secretarial; Secretarial.
EMPLOYERS: Businesses and industries that require secretarial support; Government agencies; Military.
MORE INFORMATION: Professional Secretaries International; 301 E Armour Blvd, Kansas City, MO 64111.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 201.362-030 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on personal judgment.
- dealing with people.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Personnel Supply Services
- Justice, Public Order and Safety
- Elementary and Secondary Schools

## SIMILAR OCCUPATIONS

- Mailroom Supervisor;
- Social Secretary;
- Secretary or Stenographer/Enl (Mil);
- School Secretary;
- Administrative Secretary;
- Membership Secretary;
- Executive Secretary;

## PROGRAMS OF STUDY

- Executive Secretarial
- Legal Secretarial
- Office Supervision & Management
- Secretarial
- Medical Secretarial

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 164,610 (in 1993)
  : 188,101 (in 1998)

Average annual number of openings from 1993 to 1998: 9,865
This trend indicates a 14% change.

FLORIDA VIEW

## Vital Information for Education and Work

**Title: SECURITIES AND FINANCIAL SERVICES SALES AGENT**
SOC No. 4124200
DOT No. 251.157-010
GOE Interest Area: 11.06 Finance

### DESCRIPTION

Buys and sells stocks, bonds, and securities upon request of customer. Gives client advice and information on the stock market. Some provide loans, tax counseling and accounting or auditing services. May sell shares in mutual funds, certificates of deposit or other financial products.

RELATED EDUCATION PROGRAMS: Securities and Commodities Marketing; Banking marketing. EMPLOYERS: Brokerage and Investment firms; Banks; Savings and loan associations; Credit agencies.

MORE INFORMATION: Local Banks; Securities Industry Association; 120 Broadway; New York, NY 10271. *** Special Note ** Florida Statute requires licensure regulated by the Department of Banking & Finance.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • weekend work. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

### PRIMARY PHYSICAL ACTIVTITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 251.157-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(5) Persuading: Winning others over to a product, service, or point of view.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- influencing people.
- dealing with people.
- decisions based on personal judgment.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Security Brokers and Dealers
- Non-depository Credit Institutions

### SIMILAR OCCUPATIONS

- Broker's Floor Representative;
- Sales Agent, Financial Report Service
- Securities Trader I;
- Securities Clerk, Financial Institution
- Financial Planner;
- Brokerage Clerk;

### PROGRAMS OF STUDY

- Investments and Securities

### EDUCATION LEVEL

- Undergraduate Degree.

### AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 14,606 (in 1993)
  : 16,321 (in 1998)

Average annual number of openings from 1993 to 1998: 1,322
This trend indicates a 12% change.

VIEW No. 346

FLORIDA
VIEW
Vital Information for Education and Work

Title: **SEPARATING AND STILL MACHINE OPERATOR**
SOC No. 7666100
DOT No. 599.685-082
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION

Operates or tends machines used to separate, filter, refine or process materials. May refine sugar or separate liquid, gasses, or solid materials to develop a refined product. Loads machine, reads meters, collects and weighs samples.

RELATED EDUCATION PROGRAMS: On-the-job training.

EMPLOYERS: Food product manufacturers including beverages, fats and oils, and grain mill products; Manufacturers of chemical and related products.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- damp or wet.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 599.685-082 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08. 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Chemical and Fertilizer Mineral Mining
- Canned, Frozen, and Preserved Fruits and Vegetables
- Sugar and Confectionery Products

## SIMILAR OCCUPATIONS

- Clarifier Operator;
- Filter Operator;
- Centrifuge Operator;
- Separator Operator;
- Distiller;
- Extractor Machine Operator;

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 864 (in 1993)
  : 908 (in 1998)

Average annual number of openings from 1993 to 1998: 39
This trend indicates a 5% change.

FLORIDA VIEW

Vital Information for Education and Work

Title: **SERVICE OBSERVER**
SOC No. 4739211
DOT No. 239.367-026
GOE Interest Area: 07.04 Oral Communications

## DESCRIPTION

Listens in on phone calls between telephone operators and customers to see whether proper service is being given. Plugs headphones into switchboard, listens to conversation and records the errors made by the operator. Gives the list of errors to a supervisor so that action may be taken to correct the operator.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be:
- inside.

and will probably involve:
- irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 239.367-026 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- detailed, organized work following set sequence.

TEMPERAMENTS - You would like work with:

- taking responsibility.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government

## SIMILAR OCCUPATIONS

- Office Worker Supervisor;
- Customer Service Representative, Utilities
- Production Clerk;
- Customer Service Clerk;

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 168 (in 1993)
: 186 (in 1998)

Average annual number of openings from 1993 to 1998: 7
This trend indicates a 11% change.

VIEW No. 348

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **SERVICE STATION ATTENDANT**
SOC No. 8730000
DOT No. 915.467-010
GOE Interest Area: 05.10 Crafts

## DESCRIPTION
Services vehicles by filling gas tanks, washing windshields, changing oil, and replacing filters, belts, batteries, headlights, and other items. Takes inventory of auto parts. Sets up displays, takes payment for service.
RELATED EDUCATION PROGRAMS: On-the-job training.
EMPLOYERS: Gasoline service stations; Petroleum wholesale companies; Auto rental and leasing companies.
MORE INFORMATION: Local Office of the State Job Service.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- stooping, kneeling, crouching, or crawling.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 915.467-010 indicates the following on data, people, and things.

(4) Computing: Using arithmetic. Reporting the results or following instructions based on the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:
- many changing duties.
- repeating set tasks.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Automotive Rental and Leasing, Without Drivers
- Automotive Services, Except Repair

## SIMILAR OCCUPATIONS
- Gas-and-Oil Servicer;
- Lubrication Servicer;
- Garage Servicer, Industrial;
- Automobile Self-Service Station Attendant

## PROGRAMS OF STUDY
- information not available at this time

## EDUCATION LEVEL
- 8 to 11 years education.

## AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 16,282 (in 1993)
  : 17,589 (in 1998)

Average annual number of openings from 1993 to 1998: 998
This trend indicates a 8% change.

# FLORIDA VIEW

Vital Information for Education and Work

Title: **SEWING MACHINE OPERATOR, GARMENT**
SOC No. 7655100
DOT No. 787.682-058
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Operates sewing machine to join, reinforce and decorate garment parts. Also operates automatic sewing machines that tack and make buttonholes. Threads machine, adjusts needles, and moves controls to regulate feed rates.

RELATED EDUCATION PROGRAM: Commercial Garment and Apparel Construction. On-the-job training.

EMPLOYERS: Companies that make clothes for men, women, and children.

MORE INFORMATION: American Apparel Manufacturers Association; 2500 Wilson Blvd; Suite 301. Arlington, VA 22201

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

## LOCATION AND HOURS OF WORK

Most of this work tends to be:
- inside.

and will probably involve:
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 787.682-058 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Men's and Boy's Furnishings
- Children's Outerwear
- Women's, Misses', and Juniors' Outerwear

## SIMILAR OCCUPATIONS

- Collar Setter
- Lining Maker;
- Sewer and Inspector;
- Sleeve Setter
- Appliquer, Zigzag;

## PROGRAMS OF STUDY

- Clothing & Apparel Production & Services, General
- Commercial Garment & Apparel Construction

## EDUCATION LEVEL

- 9 to 12 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 19,735 (in 1993)
  : 20,189 (in 1998)

Average annual number of openings from 1993 to 1998: 1,217
This trend indicates a 2% change.

VIEW No. 350

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **SEWING MACHINE REPAIRER**
SOC No. 6130382
DOT No. 639.281-018
GOE Interest Area: 05.10 Crafts

## DESCRIPTION

Repairs and adjusts sewing machines in homes and in sewing departments of industries. Turns screws and nuts to adjust machine parts. Takes apart machines and replaces or repairs broken or worn parts, using handtools. Installs attachments on machines. Puts the parts back together and makes sure the machine operates properly.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 639.281-018 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Women's, Misses', and Juniors' Outerwear
- Men's and Boy's Furnishings

## SIMILAR OCCUPATIONS

- Powerhouse Mechanic/Enl (Mil);
- Maintenance Repairer, Factory;
- Mechanics' and Repairers' Supervisor;
- Electrical Motor Repairer;
- Industrial Machinery Mechanic;

## PROGRAMS OF STUDY

- Industrial Machinery Maintenance & Repair

## EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 175 (in 1993)
  : 178 (in 1998)

Average annual number of openings from 1993 to 1998: 6
This trend indicates a 2% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **SHEET METAL WORKER**
SOC No. 6824000
DOT No. 804.281-010
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION

Fabricates, assembles, installs, and repairs sheet metal products and equipment. May set up and operate fabricating machines, shape metal over forms, operate soldering and welding equipment and inspect and smooth seams.
RELATED EDUCATION PROGRAMS: Sheet Metal; Metal Fabrication; On-the-job training, Military Services.
EMPLOYERS: Plumbing, heating, air conditioning, roofing and sheet metal contractors; Military Services.
MORE INFORMATION: Associated Builders and Contractors; 729 15th St, NW; Washington, D.C. 20005; Recruiting Office. SPECIAL NOTE** Apprenticeship training available.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.
- noise and vibrations.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- climbing or balancing.
- carrying.
- stooping, kneeling, crouching, or crawling.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 804.281-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Roofing and Sheet Metal Work
- Federal Government
- Fabricated Structural Metal Products

### SIMILAR OCCUPATIONS

- Metal Fabricating Shop Helper;
- Sheet Metal Worker/Enl (Mil);
- Assembler, Mining Machinery;
- Metal Hanger;
- Sheet Metal Pattern Cutter;

### PROGRAMS OF STUDY

- Sheet Metal
- Precision Metal Work, General

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 8,849 (in 1993)
  : 9,836 (in 1998)

Average annual number of openings from 1993 to 1998: 440
This trend indicates a 11% change.

VIEW No. 352

# FLORIDA VIEW
## Vital Information for Education and Work

Title: **SHERIFF OR DEPUTY SHERIFF**
SOC No. 5134200
DOT No. 377.263-010
GOE Interest Area: 04.01 Safety and Law Enforcement

DESCRIPTION

Enforces laws, keeps order in courts, serves summonses, and provides police and detective services in rural areas. Drives vehicles throughout assigned area to detect crimes, arrest violators or issue citations. May patrol courthouse, guard court or grand jury, or escort defendants.

RELATED EDUCATION PROGRAMS: Criminal Justice Technology; Law Enforcement.

EMPLOYERS: Usually elected to office. Works in county governmental agencies.

MORE INFORMATION: National Sheriffs Associations; 1250 Connecticut Ave NW; Washington, D.C. 20036 ** Special Note ** Florida Statute requires licensure regulated by the Department of Law Enforcement.

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 377.263-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

| | | |
|---|---|---|
| Aptitude 01: 3 | G. | General Learning Ability |
| Aptitude 02: 3 | V. | Verbal Aptitude |
| Aptitude 03: 4 | N. | Numerical Aptitude |
| Aptitude 04: 4 | S. | Spatial Perception |
| Aptitude 05: 4 | P. | Form Perception |
| Aptitude 06: 3 | Q. | Clerical Perception |
| Aptitude 07: 3 | K. | Eye-Hand Coordination |
| Aptitude 08: 4 | F. | Finger Dexterity |
| Aptitude 09: 3 | M. | Manual Dexterity |

INTERESTS - You would like:
- business contact with people.
- detailed, organized work following set sequence.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

TEMPERAMENTS - You would like work with:
- decisions based on personal judgment.
- working under stress.
- dealing with people.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Public Finance, Taxation and Monetary Policy

SIMILAR OCCUPATIONS
- Bailiff;
- Deputy, Court
- Fish and Game Warden;
- Deputy Sheriff, Grand Jury;

PROGRAMS OF STUDY
- Corrections
- Law Enforcement
- Criminal Justice Studies
- Criminal Justice, Other
- Law Enforcement Administration
- Criminal Justice Technology
- Forensic Studies
- Criminal Justice Administration
- Correctional Administration

EDUCATION LEVEL
- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

AVERAGE BEGINNING WAGE
- $22,000 to $26,999 per year (up to $13.77 per hour).

FUTURE OUTLOOK

| | | |
|---|---|---|
| • Projected number of employees: | 6,976 | (in 1993) |
| : | 7,814 | (in 1998) |

Average annual number of openings from 1993 to 1998: 408
This trend indicates a 12% change.

FLORIDA VIEW

**Vital Information for Education and Work**

**Title: SHIP CAPTAIN OR PILOT**
SOC No. 8241100
DOT No. 197.167-010
GOE Interest Area: 05.04 Air and Water Vehicle Operation

## DESCRIPTION

Commands ships and other vessels such as tugboats, ferryboats or dredges that travel into and out of harbors, rivers, lakes and oceans. Interviews and hires crew. Pilots courses and steers vessels. Operates radio, radar, and sonar.
RELATED EDUCATION PROGRAMS: Barge and Boat Operation; Merchant Marine Officers. Must hold license issued by Coast Guard.
EMPLOYERS: Shipping lines; Passenger ship lines; Self-employed
MORE INFORMATION: National Maritime Union of America, 36 7th Ave, New York, NY 10011.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- damp or wet.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- speaking.
- hearing.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 197.167-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- dealing with people.
- taking responsibility.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Local Water Transportation
- Self-employed
- Water Transportation Service

## SIMILAR OCCUPATIONS

- Captain, Fishing Vessel;
- Tugboat Captain;
- Barge Captain
- Ship and Submarine Officer/Off (Mil);
- Master, Yacht

## PROGRAMS OF STUDY

- Barge & Boat Operation
- Maritime Science (Merchant Marine)

## EDUCATION LEVEL

- HS Graduation or 2 to 4 years Comm. Coll. Voc/Tech. or Univ

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 100 (in 1993)
  : 109 (in 1998)

Average annual number of openings from 1993 to 1998: 6
This trend indicates a 9% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **SHIP ENGINEER**
SOC No. 8244100
DOT No. 197.130-010
GOE Interest Area: 05.06 Systems Operation

## DESCRIPTION

Supervises and coordinates the work of ship crew that operates and maintains engines, boilers, deck machines and other equipment on ships. Starts and stops engines. Reads temperature and pressure gauges. Repairs machinery.
RELATED EDUCATION PROGRAMS: Marine Maintenance; Marine Propulsion Technology; 4-year degree for entry into Military position.
EMPLOYERS: Shipping lines; Water transportation companies; Military services.
MORE INFORMATION: National Marine Engineers; Beneficial Assoc.; 17 Battery Place; New York, NY 10004. Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- dust, fumes, odors, poor ventilation.
- risk of injury.
- extreme heat.
- damp or wet.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- climbing or balancing.
- lifting.
- stooping, kneeling, crouching, or crawling.
- carrying.
- speaking.
- reaching, handling, fingering, or feeling.
- walking.
- seeing.
- hearing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 197.130-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(3) Supervising: Directing workers by giving orders and explaining duties. Making sure they do the work on time. Helping everyone work together.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- directing or organizing, or activities resulting in recognition.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- dealing with people.
- taking responsibility.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Local Water Transportation
- Deep Sea Domestic Transportation of Freight
- Water Transportation of Freight, not Elsewhere Classified

## SIMILAR OCCUPATIONS

- Marine Engine Mechanic/Enl (Mil);
- Diesel Engine Mechanic;
- Ship Engineer/Off (Mil);

## PROGRAMS OF STUDY

- Marine Maintenance
- Marine Propulsion Technology

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 549 (in 1993)
  : 618 (in 1998)

Average annual number of openings from 1993 to 1998: 27
This trend indicates a 13% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **SHIP MATE**
SOC No. 8241200
DOT No. 197.133-022
GOE Interest Area: 05.04 Air and Water Vehicle Operation

## DESCRIPTION

Supervises and coordinates the activities of crew members aboard ships, boats, barges or dredges. Examines cargo handling gear and life saving equipment; orders repairs as necessary. Determines position of ship using electronic equipment. Assumes command of ship if captain becomes incapacitated.
RELATED EDUCATION PROGRAMS: Barge and Boat Operation; Commercial Fishing Operation. May require license.
EMPLOYERS: Shipping lines; Passenger ship lines.
MORE INFORMATION: National Maritime Union of America, 36 7th Ave, New York, NY 10011

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- damp or wet.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 197.133-022 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(3) Supervising: Directing workers by giving orders and explaining duties. Making sure they do the work on time. Helping everyone work together.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- dealing with people.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Water Transportation of Freight, not Elsewhere Classified
- Deep Sea Domestic Transportation of Freight
- Local Water Transportation

## SIMILAR OCCUPATIONS

- Ship and Submarine Officer/Off (Mil);
- Supervisor, Janitorial Services;
- Purser;
- Tugboat Mate;
- Dredge Mate;

## PROGRAMS OF STUDY

- Sailors & Deckhands
- Barge & Boat Operation

## EDUCATION LEVEL

- no standard educational requirements

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 395 (in 1993) |
| : | 443 (in 1998) |

Average annual number of openings from 1993 to 1998: 27
This trend indicates a 12% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **SHIPFITTER**
SOC No. 6821100
DOT No. 806.381-046
GOE Interest Area: 05.05 Craft Technology

### DESCRIPTION
Lays out and fabricates metal structural parts, such as plates, bulkheads, and frames. Braces parts in position with hull or ship for riveting or welding. May prepare molds and templates for fabrication of nonstandard parts.
RELATED EDUCATION PROGRAMS: Metal Fabrication. Military services.
EMPLOYERS: Most work for ship and boat building and repair companies, the rest for federal agencies. Military services.
MORE INFORMATION: Shipyards; State Job Service Office; Military Recruiting Office.

### THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- extreme heat.
- risk of injury.
- noise and vibrations.
- extreme cold.

### LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS
The physical demands for this occupation are:
- heavy - might lift or move 50 to 100 pounds.

### PRIMARY PHYSICAL ACTIVITIES
- climbing or balancing.
- carrying.
- stooping, kneeling, crouching, or crawling.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

### WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 806.381-046 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

### HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Federal Government
- Ship and Boat Building and Repairing

### SIMILAR OCCUPATIONS
- Patternmaker I;
- Shipfitter/Enl (Mil);
- Layout Worker I, Machine Shop;
- Boat Outfitter;

### PROGRAMS OF STUDY
- Woodworking, Other
- Precision Metal Work, General

### EDUCATION LEVEL
- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE
- $17,000 to $21,999 per year (up to $11.22 per hour).

### FUTURE OUTLOOK
- Projected number of employees: 1,499 (in 1993)
  : 1,672 (in 1998)

Average annual number of openings from 1993 to 1998: 66
This trend indicates a 12% change.

VIEW No. 357

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **SHIPPING AND RECEIVING CLERK**
SOC No. 4753200
DOT No. 222.387-050
GOE Interest Area: 05.09 Material Control

### DESCRIPTION

Keeps track of all shipments of goods leaving or arriving at a place of business. Checks incoming and outgoing orders for accuracy. May assemble order for shipment and arrange transportation for shipment. May use a computerized inventory control program to keep records of all shipments.
RELATED EDUCATION PROGRAMS: Shipping, Receiving and Stock Clerk; On-the-job training.
EMPLOYERS: Factories; Wholesale and retail trade businesses; Military.
MORE INFORMATION: State Job Service Office.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- lifting.
- standing for a long time.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing differences in color.
- seeing.
- walking.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 222.387-050 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- U.S. Postal Service, Total
- Machinery, Equipment and Supplies
- Groceries and Related Products

### SIMILAR OCCUPATIONS

- Sorter-Pricer;
- Inventory Clerk;
- Traffic Clerk;
- Shipping and Receiving Specialist/Enl (Mil);
- Shipping Order Clerk;
- Stock Clerk, Stockroom or Warehouse

### PROGRAMS OF STUDY

- Typing, General Office, & Related Programs, Other
- Typing, General Office, & Related Programs, General
- Warehouse Services Marketing

### EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 36,553 (in 1993)
  : 41,061 (in 1998)

Average annual number of openings from 1993 to 1998: 2,089
This trend indicates a 12% change.

VIEW No. 358

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **SHOE SEWING MACHINE OPERATOR**
SOC No. 7656100
DOT No. 788.381-010
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Operates or tends machines that sew together items such as boots and shoes. Stitching machines may use single, double, or multiple needles to join or decorate shoe parts, or attach buckles.

RELATED EDUCATION PROGRAMS: Shoe and Boot Repair. On-the-job training.

EMPLOYERS: Leather and rubber or plastic shoe manufacturers; Shoe repair shops.

MORE INFORMATION: Shoe Service Institute of America; 112 Calendar St; La Grange, IL 60525

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 788.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Men's and Boy's Furnishings
- Rubber and Plastics Footwear
- Footwear, Except Rubber

## SIMILAR OCCUPATIONS

- Shoe Repairer;
- Leather Finisher;
- Sewer and Inspector

## PROGRAMS OF STUDY

- Miscellaneous Mechanics & Repairers, Other

## EDUCATION LEVEL

- 9 to 12 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 497 (in 1993)
  : 475 (in 1998)

Average annual number of openings from 1993 to 1998: 15
This trend indicates a -4% change.

FLORIDA VIEW

Vital Information for Education and Work

Title: **SMALL ENGINE SPECIALIST**
SOC No. 6114200
DOT No. 625.281-034
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Services and repairs chain saws, lawn mowers, motorboat engines, and other small engines. May adjust brakes and clutches. Gives tuneups or rebuilds motor. Uses precision measuring tools, handtools, and machine tools.

RELATED EDUCATION PROGRAMS: Small Engine Repair. On-the-job training.

EMPLOYERS: Companies that sell and service boat motors and lawn mowers; small engine repair shops; Self-employed.

MORE INFORMATION: Motor and Equipment Manufacturers Association; Technical Training Council; 300 Sylvan Ave.; Englewood Cliffs, NJ 07632-0638

**SPECIAL NOTE**Apprenticeship Training Available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • weekend work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 625.281-034 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-Employed
- Miscellaneous Business Services
- Boat Dealers

## SIMILAR OCCUPATIONS

- Power-Saw Mechanic;
- Motorcycle Repairer;
- Motorboat Mechanic;
- Gas-Engine Repairer

## PROGRAMS OF STUDY

- Automotive Mechanics
- Marine Propulsion Technology
- Marine Maintenance

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 7,406 (in 1993)
  : 8,433 (in 1998)

Average annual number of openings from 1993 to 1998: 556
This trend indicates a 14% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **SOCIAL SERVICE TECHNICIAN**
SOC No. 2032860
DOT No. 195.227-010
GOE Interest Area: 10.01 Social Services

DESCRIPTION
Assists social group workers and caseworkers develop and conduct counseling programs to help people prevent or cope with problems such as drug abuse or emotional problems. May help clients obtain information on the use of other community services such as job training programs.
RELATED TRAINING: Health/Human Services Assisting; Mental Health Services Technology; Alcohol/Drug Abuse Specialty.
EMPLOYERS: State and local governments; Health facilities; Social service organizations; Military services.
MORE INFORMATION: State Job Service Office. Military Recruiting Office.

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- hearing.
- speaking.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 195.227-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(7) Handling: Moving or carrying things.

HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:
- business contact with people.
- working to improve social conditions.
- studying people or communicating ideas.

TEMPERAMENTS - You would like work with:
- many changing duties.
- taking responsibility.
- decisions based on personal judgment.
- dealing with people.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Home Health Care Services
- Individual and Family Social Services
- Residential Care

SIMILAR OCCUPATIONS
- Case Aide;
- Eligibility Worker;
- Caseworker/Counselor/Enl (Mil);
- Social Services Aide;
- Management Aide;
- Drug and Alcohol Counselor

PROGRAMS OF STUDY
- Mental Health/Human Services Technology

EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

FUTURE OUTLOOK
- Projected number of employees: 4,181 (in 1993)
  : 5,042 (in 1998)

Average annual number of openings from 1993 to 1998: 300
This trend indicates a 21% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **SOCIAL WELFARE CLERK**
SOC No. 4784100
DOT No. 195.267-010
GOE Interest Area: 07.01 Administrative Detail

## DESCRIPTION

Interviews and investigates people applying for public aid. Talks with applicants to get information, such as the size of the family, general health and income. May grant, modify, or terminate eligibility for various aid programs. May assist Social Service Technician.
RELATED EDUCATION PROGRAMS: On-the-job training.
EMPLOYERS: State and federal public assistance agencies.
MORE INFORMATION: Local State Job Service Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 195.267-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- business contact with people.
- studying people or communicating ideas.
- working to improve social conditions.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- decisions based on personal judgment.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety
- Hospitals
- Personnel Supply Services

## SIMILAR OCCUPATIONS

- Eligibility and Occupancy Interviewer;
- Caseworker;
- Employment Interviewer;
- Eligibility Worker;
- Management Aide

## PROGRAMS OF STUDY

- Typing, General Office, & Related Programs, General
- Typing, General Office, & Related Programs, Other

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 7,593 (in 1993)
  : 8,571 (in 1998)

Average annual number of openings from 1993 to 1998: 529
This trend indicates a 13% change.

# FLORIDA VIEW

Vital Information for Education and Work

Title: **SOCIAL - WELFARE SERVICE AIDE**
SOC No. 5263100
DOT No. 309.677-010
GOE Interest Area: 10.03 Child and Adult Care

## DESCRIPTION

Provides services to help people with disabilities at a place of residence. Advises and assists in meal planning, food preparation, child care, and health care. May help residents dress and function. May provide services in homes, clinics, day care centers, nursery schools, residential treatment centers and hospitals.

RELATED EDUCATION PROGRAMS: Homemakers Aide; Companion to the Aged. On-the-job training.

EMPLOYERS: State and local social service agencies. Private welfare agencies.

MORE INFORMATION: National Association for Homecare; 519 C St, NE; Stanton Park; Washington, D.C. 20002

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 309.677-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.
- working to improve social conditions.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- influencing people.
- dealing with people.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Justice, Public Order and Safety

## SIMILAR OCCUPATIONS

- Home Attendant;
- Child Care Aide;
- Homemaker

## PROGRAMS OF STUDY

- Institutional, Home Management, Supporting Services
- Companion to the Aged

## EDUCATION LEVEL

- 9 to 12 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

| | | |
|---|---|---|
| • Projected number of employees: | 4,132 | (in 1993) |
| : | 4,869 | (in 1998) |

Average annual number of openings from 1993 to 1998: 432
This trend indicates a 18% change.

FLORIDA
# VIEW
Vital Information for Education and Work

**Title: SOLDERER OR BRAZER**
SOC No. 7717100
DOT No. 813.684-026
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION
Uses hand-held soldering or brazing equipment to join parts of metal products. Clamps parts together and applies solder with a torch. Inspects finished product. May finish product by dipping parts in molten solder to fill holes, seams, or smooth imperfections.

RELATED EDUCATION PROGRAMS: Welding, Brazing and Soldering. On-the-job training.

EMPLOYERS: Makers of machinery, electrical and electronic equipment and professional and scientific instruments.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- dust, fumes, odors, poor ventilation.
- risk of injury.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 813.684-026 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS
INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Personnel Supply Services
- Electronic Components and Accessories
- Communication Equipment

## SIMILAR OCCUPATIONS
- Solderer, Product Line;
- Solderer, Torch I;
- Solderer, Barrel Ribs;
- Solderer-Dipper;
- Solderer, Ultrasonic Hand;
- Brazer, Resistance

## PROGRAMS OF STUDY
- Precision Metal Work, Other
- Welding

## EDUCATION LEVEL
- 8 to 11 years education.

## AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 1,525 (in 1993)
  : 1,798 (in 1998)

Average annual number of openings from 1993 to 1998: 82
This trend indicates a 18% change.

VIEW No. 364

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **SOLDERING MACHINE OPERATOR**
SOC No. 7533100
DOT No. 715.685-058
GOE Interest Area: 06.02 Production Work

## DESCRIPTION
Operates or tends machines used to solder metal parts. Joins metal parts of products such as typewriters and jewelry. Follows work orders, blueprints, or charts. Positions parts to be soldered and adjusts controls.
RELATED EDUCATION PROGRAMS: Welding, Brazing, and Soldering. On-the-job training.
EMPLOYERS: Companies that make products out of metal, or machinery and electrical/electronic equipment.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- risk of injury.
- noise and vibrations.
- extreme heat.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 715.685-058 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

## HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

## APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS
INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- General Industrial Machinery
- Electric Lighting and Wiring
- Metalworking Machinery and Equipment

## SIMILAR OCCUPATIONS
- Setter, Induction Heating Equipment;
- Brazing Machine Setter;
- Type Soldering Machine Tender;
- Brazer, Furnace

## PROGRAMS OF STUDY
- Precision Metal Work, Other
- Welding Technology
- Welding

## EDUCATION LEVEL
- 8 to 11 years education.

## AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 79 (in 1993)
  : 87 (in 1998)

Average annual number of openings from 1993 to 1998: 3
This trend indicates a 10% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: STATEMENT CLERK**
SOC No. 4699300
DOT No. 219.362-058
GOE Interest Area: 07.02 Mathematical Detail

## DESCRIPTION

Prepares and distributes bank statements to customers, answers inquiries, and reconciles discrepancies in records and accounts. Computes dividends for stockholders of corporations represented by the bank. May operate high speed machines that fold and prepare statements for mailing.
RELATED EDUCATION PROGRAMS: Machine Billing; Bookkeeping and Computing. On-the-job training.
EMPLOYERS: Banks and credit agencies.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 219.362-058 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Personal Credit Institutions
- Non-depository Credit Institutions
- Commercial and Stock Savings

## SIMILAR OCCUPATIONS

- Administrative Clerk;
- Brokerage Clerk;
- Securities Clerk, Clerical;
- Voucher Clerk;
- Coupon Clerk

## PROGRAMS OF STUDY

- Typing, General Office, & Related Programs, General
- Marketing of Hotel/Motel Services

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,866 (in 1993)
  : 2,078 (in 1998)

Average annual number of openings from 1993 to 1998: 107
This trend indicates a 11% change.

VIEW No. 366

# FLORIDA VIEW
Vital Information for Education and Work

Title: **STATIONARY ENGINEER**
SOC No. 6931100
DOT No. 950.382-026
GOE Interest Area: 05.06 Systems Operation

## DESCRIPTION

Operates and maintains stationary engines and equipment that provide power for industry and heating, cooling and ventilation in factories and other buildings. Starts and stops equipment and watches meters and safety controls.

RELATED EDUCATION PROGRAMS: Conventional Electric Power Generation; On-the-job training. May require license.

EMPLOYERS: Large factories; Hospitals; Government agencies; Utility companies.

MORE INFORMATION: National Association of Power Engineers; 2350 East Devon St; Suite 115; Des Plains, Il 60018 SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- damp or wet.
- noise and vibrations.
- extreme heat.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 950.382-026 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Justice, Public Order and Safety
- Federal Government

## SIMILAR OCCUPATIONS

- Rotary Rig Engine Operator;
- Gas - Engine Operator;
- Refrigerating Engineer;
- Boiler Operator

## PROGRAMS OF STUDY

- Stationary Energy Sources, General

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 740 (in 1993) |
| : | 819 (in 1998) |

Average annual number of openings from 1993 to 1998: 48
This trend indicates a 11% change.

VIEW No. 367

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **STATISTICAL CLERK**
SOC No. 4794100
DOT No. 216.382-062
GOE Interest Area: 07.02 Mathematical Detail

## DESCRIPTION

Compiles statistics (numbers that describe things or events) and puts them in table form for charts and graphs. May use adding machines, calculators, or computers. Some help prepare survey findings, medical reports, or census reports.
RELATED EDUCATION PROGRAMS: Machine Billing, Bookkeeping and Computing.
EMPLOYERS: This occupation is found in many industries. Some of the largest include insurance companies, hospitals, and telephone companies.
MORE INFORMATION: Local State Job Service Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 216.382-062 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hospitals
- Justice, Public Order and Safety
- Telephone Communication

## SIMILAR OCCUPATIONS

- Statistical Clerk, Advertising;
- Planimeter Operator;
- Chart Clerk;
- Chart Calculator;
- Medical Record Clerk

## PROGRAMS OF STUDY

- Accounting, Bookkeeping & Related Programs, General
- Accounting, Bookkeeping & Related Programs, Other
- Typing, General Office, & Related Programs, General

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

| | | |
|---|---|---|
| • Projected number of employees: | 4,773 (in 1993) |
| | : | 5,357 (in 1998) |

Average annual number of openings from 1993 to 1998: 285
This trend indicates a 12% change.

VIEW No. 368

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **STATISTICIAN**
SOC No. 1733200
DOT No. 020.067-022
GOE Interest Area: 11.01 Mathematics and Statistics

## DESCRIPTION

Plans where and how to collect data for surveys, research, or opinion polls that result in numerical information. Collects, organizes, interprets, and presents these results. Often specializes in areas such as economics, human behavior, natural science, agriculture, or engineering. Some teach or do consulting work.

RELATED EDUCATION PROGRAMS: Statistics.

EMPLOYERS: Federal agencies; Motor vehicle manufacturers; Consulting firms

MORE INFORMATION: American Statistical Association; 1429 Duke St; Alexandria, VA 22314

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 020.067-022 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government
- Miscellaneous Business Services
- Non-depository Credit Institutions

## SIMILAR OCCUPATIONS

- Actuary;
- Statistical Clerk;
- Mathematician;
- Statistician, Mathematical

## PROGRAMS OF STUDY

- Applied Mathematics
- Statistics
- Mathematics, General
- Mathematics, Other
- Pure Mathematics

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 452 (in 1993)
  : 525 (in 1998)

Average annual number of openings from 1993 to 1998: 26
This trend indicates a 16% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **STENOGRAPHER**
SOC No. 4623000
DOT No. 202.362-014
GOE Interest Area: 07.05 Records Processing

## DESCRIPTION

Takes dictation using either shorthand or a stenotype machine. Operates a typewriter, computer or word processor to transcribe dictated material. Beginning stenographers may perform other clerical duties such as typing, filing, or answering the phone. Experienced stenographers may attend court trials and give word-for-word summaries of proceedings.
RELATED TRAINING: Stenographic; Court Reporting; Military.
EMPLOYERS: Government agencies including the court systems; Military services. Certification sometimes required for court reporters.
MORE INFORMATION: Professional Secretaries International, 301 E Armour Blvd, Kansas City, MO 64111.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 202.362-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- detailed, organized work following set sequence.
- studying people or communicating ideas.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- working under stress.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Elementary and Secondary Schools
- Personnel Supply Services
- Mailing, Duplicating, Art, Photography & Stenographic Services

## SIMILAR OCCUPATIONS

- Secretary or Stenographer/Enl (Mil);
- Shorthand Reporter;
- Court Reporter/Enl (Mil);
- Transcribing-Machine Operator;
- Stenotype Operator;
- Print-Shop Stenographer

## PROGRAMS OF STUDY

- Court Reporting
- Office Supervision & Management
- Stenographic
- Executive Secretarial

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 4,153 (in 1993)
  : 4,747 (in 1998)

Average annual number of openings from 1993 to 1998: 235
This trend indicates a 14% change.

FLORIDA
VIEW
Vital Information for Education and Work

Title: **STOCK CLERK, SALES FLOOR**
SOC No. 4362100
DOT No. 299.367-014
GOE Interest Area: 05.09 Material Control

DESCRIPTION
Receives, stores, and issues merchandise on sales floor. Stocks shelves, racks or tables with merchandise and arranges display of items to attract customers. May periodically take physical count of stock or tag pricing on merchandise.
RELATED TRAINING: Shipping; Receiving and Stock Clerk; Sales; On-the-job-training.
EMPLOYERS: Half are grocery stores; Others department stores; Hardware stores; Military services.
MORE INFORMATION: State Job Service Office; Local Grocery Stores; Military Recruiting Office.

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

PRIMARY PHYSICAL ACTIVITIES
- stooping, kneeling, crouching, or crawling.
- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 299.367-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- studying people or communicating ideas.
- detailed, organized work following set sequence.

TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- decisions based on facts.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Department Stores
- Drug Stores and Proprietary Stores
- Grocery Stores

SIMILAR OCCUPATIONS
- Stock Clerk, Stockroom or Warehouse;
- Displayer, Merchandise;
- Stock Clerk, Self-Service Store;
- Stock Checker, Apparel;
- Sales Attendant, Building Materials;
- Sales/Stock Specialist/Enl (Mil)

PROGRAMS OF STUDY
- Typing, General Office, & Related Programs, General
- Typing, General Office, & Related Programs, Other
- FOOD MARKETING, GENERAL

EDUCATION LEVEL
- 9 to 12 years education.

AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

FUTURE OUTLOOK
- Projected number of employees: 59,720 (in 1993)
  : 70,276 (in 1998)

Average annual number of openings from 1993 to 1998: 6,161
This trend indicates a 18% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: STOCK CLERK, STOCKROOM OR WAREHOUSE**
SOC No. 4754000
DOT No. 222.387-058
GOE Interest Area: 05.09 Material Control

## DESCRIPTION

Receives, stores, and distributes supplies, material, and equipment. Takes inventory, estimates future needs for stock. Keeps records. Orders and prices stock. Prepares lists of obsolete or surplus stock. Maintains necessary supplies.

RELATED EDUCATION PROGRAMS: Shipping Receiving and Stock Clerk; On-the-job training; Military services.

EMPLOYERS: Many industries especially building supplies, machinery manufacturing, and freight transportation and warehousing; Military services.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- pushing or pulling.
- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 222.387-058 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Grocery Stores
- Department Stores
- Lumber and Other Building Materials Dealers

## SIMILAR OCCUPATIONS

- Storekeeper;
- Parts Clerk;
- Meat Clerk;
- Sample Clerk;
- Stock and Inventory Specialist/Enl (Mil);
- Inventory Clerk

## PROGRAMS OF STUDY

- Warehouse Services Marketing
- Central Supply Technology

## EDUCATION LEVEL

- 10 to 12 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 45,703 (in 1993)
  : 51,946 (in 1998)

Average annual number of openings from 1993 to 1998: 2,850
This trend indicates a 14% change.

FLORIDA

# VIEW

**Vital Information for Education and Work**

Title: **STONEMASON**
SOC No. 6413000
DOT No. 861.381-038
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Builds and repairs stone structures such as walls, abutments, and piers. Also lays walks, curbstones, and masonry for tanks, and floors. May work from drawings. May cut stones into shapes. Uses chisels, trowels, and hammers.
RELATED EDUCATION PROGRAMS: Brick, Block, and Stonemasonry; On-the-job training.
EMPLOYERS: Masonry and stonework contractors; Residential and nonresidential building contractors.
MORE INFORMATION: International Union of Bricklayers and Allied Craftsmen, International Masonry Institute, 815 15th St NW, Washington, D.C. 20005 SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.
- noise and vibrations.
- extreme cold.
- dust, fumes, odors, poor ventilation.
- extreme heat.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing differences in color.
- seeing.

## WILL I FIT IN?

**The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 861.381-038 indicates the following on data, people, and things.**

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Masonry, Stonework, Tile Setting and Plastering
- Self-employed
- Federal Government

## SIMILAR OCCUPATIONS

- Marble Finisher;
- Composition Stone Applicator;
- Monument Setter;
- Marble Setter;
- Stone Repairer

## PROGRAMS OF STUDY

- Brick, Block, & Stonemasonry

## EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,744 (in 1993)
  : 1,980 (in 1998)

Average annual number of openings from 1993 to 1998: 82
This trend indicates a 14% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **STRUCTURAL METAL FITTER**
SOC No. 6812300
DOT No. 801.261-014
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Lays out, positions, aligns, and fits together fabricated parts of structural metal products. Follows blueprints and layout specifications. Plans sequence of operations, applying knowledge of geometry and effects of heat.
RELATED EDUCATION PROGRAMS: Metal Fabrication. On-the-job training.
EMPLOYERS: Makers of fabricated structural metal products; Specialized construction contractors and heavy construction companies.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 801.261-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Heavy Construction, Ex. Highways and Streets
- Miscellaneous Special Trade Contractors
- Fabricated Structural Metal Products

## SIMILAR OCCUPATIONS

- Supervisor, Fitting;
- Blower and Compressor Assembler;
- Jig Fitter

## PROGRAMS OF STUDY

- Precision Metal Work, General
- Metal Fabrication

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,289 (in 1993)
  : 1,458 (in 1998)

Average annual number of openings from 1993 to 1998: 81
This trend indicates a 13% change.

VIEW No. 374

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **SURGICAL TECHNICIAN OR TECHNOLOGIST**
SOC No. 3690830
DOT No. 079.374-022
GOE Interest Area: 10.03 Child and Adult Care

## DESCRIPTION

Prepares patient for surgery. Sterilizes equipment and supplies in operating rooms as directed by surgeon. Counts instruments, needles and sponges used during surgery.May assist surgeon and nurses during the operation. Adjusts lights and equipment as directed. Cleans operating room after surgery.
RELATED EDUCATION PROGRAMS: Surgical Technician. Certification available; Military Services. Accredited by CAHEA.
EMPLOYERS: Most work in hospitals; Military Services.
MORE INFORMATION: Assoc. of Surgical Technologists; 8307 Shaffer Parkway Caller No. E; Littleton, CO 80120; Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 079.374-022 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- working to improve social conditions.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- working under stress.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Hospitals
- Offices of Physicians
- Home Health Care Services

## SIMILAR OCCUPATIONS

- Nurse Aide or Orderly;
- Operating Room Technician/Enl (Mil);
- Psychiatric Aide;
- Physician's Assistant (N/E)

## PROGRAMS OF STUDY

- Surgical Technology

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2253 (in 1993)
  : 2657 (in 1998)

Average annual number of openings from 1993 to 1998: 118
This trend indicates a 18% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **SURVEYING AND MAPPING SCIENTIST**
SOC No. 1649200
DOT No. 018.167-018
GOE Interest Area: 05.03 Engineering Technology

## DESCRIPTION
Uses surveying, engineering and scientific instruments to determine and identify fixed points or boundaries used in preparing maps and to provide data about the shape, contour, location or dimension of land for construction, or mining.
RELATED EDUCATION PROGRAMS: Surveying and Mapping Sciences.
EMPLOYERS: Engineering; Architectural and Army Corps of Engineers; Military services.
MORE INFORMATION: American Congress on Surveying and Mapping, 210 Little Falls St, Falls Church, VA 22046. Military Recruiting Office.
** Special Note ** Florida Statute requires licensure regulated by the Department of Professional Regulation.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- damp or wet.

## LOCATION AND HOURS OF WORK
Most of this work tends to be:
- both inside and outside.

and will probably involve:
- no unusual travel or irregular hours.

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- standing for a long time.
- reaching, handling, fingering, or feeling.
- hearing.
- speaking.
- seeing.
- walking.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 018.167-018 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS
INTERESTS - You would like:
- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- many changing duties.
- taking responsibility.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Self-employed Authors, Lecturers, Radio Commentators
- Self-employed
- Public Finance, Taxation and Monetary Policy

## SIMILAR OCCUPATIONS
- Marine Surveyor;
- Surveying and Mapping Manager/Off (Mil);
- Surveying and Mapping Technician;
- Mine Surveyor;
- Surveyor, Geodetic

## PROGRAMS OF STUDY
- Surveying & Mapping Sciences

## EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE
- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 3,901 (in 1993)
  : 4,446 (in 1998)

Average annual number of openings from 1993 to 1998: 180
This trend indicates a 14% change.

VIEW No. 376

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **TANK CAR AND TRUCK LOADER**
SOC No. 8319300
DOT No. 914.667-010
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION
Pumps liquids such as chemicals or liquid petroleum products into or from tank cars, barges, or trucks. Connects hose to tank car and begins pump to force liquid into storage tank. Records volume of liquid. May examine interior for cleanliness and exterior for leaks. May clean interior of tank car.
RELATED EDUCATION PROGRAMS: Pumping Plants; On-the-job training; Military services.
EMPLOYERS: Petroleum and chemical bulk stations; Trucking companies; Petroleum companies; Chemical manufactures; Military services.
MORE INFORMATION: State Job Service Office; Military Office.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- dust, fumes, odors, poor ventilation.
- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • outside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- lifting.
- climbing or balancing.
- carrying.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- walking.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 914.667-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES
Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES
The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Agricultural Chemicals
- Paving and Roofing Materials
- Industrial Organic Chemicals

## SIMILAR OCCUPATIONS
- Pigment Pumper;
- Mucking Machine Operator;
- Gas-Transfer Operator;
- Petroleum Supply Specialist/Enl (Mil);
- Pumper-Gager

## PROGRAMS OF STUDY
- Stationary Energy Sources, General

## EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 230 (in 1993)
  : 253 (in 1998)

Average annual number of openings from 1993 to 1998: 12
This trend indicates a 10% change.

FLORIDA

VIEW

Vital Information for Education and Work

Title: **TAX EXAMINER OR REVENUE AGENT**
SOC No. 1473600
DOT No. 160.167-050
GOE Interest Area: 11.06 Finance

### DESCRIPTION

Analyzes accounting methods used by businesses to determine compliance with laws. Verifies or changes taxes paid or reported to the Federal government by an individual or business as prescribed by law. May suggest further inquiry into financial records. Prepares written reports on findings, talks with individual or business representative to discuss findings.

RELATED EDUCATION PROGRAMS: Accounting; Taxation; Accounting and Computing.

EMPLOYERS: Federal, state and local governments.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 160.167-050 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:

- business contact with people.
- working with things, numbers or objects.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- dealing with people.
- influencing people.
- decisions based on personal judgment.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Federal Government
- Public Finance, Taxation and Monetary Policy
- Justice, Public Order and Safety

### SIMILAR OCCUPATIONS

- Tax Auditor;
- Tax Accountant;
- Tax Clerk;
- Tax Attorney

### PROGRAMS OF STUDY

- Taxation
- Accounting

### EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

### AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 5,227 (in 1993)
  : 5,791 (in 1998)

Average annual number of openings from 1993 to 1998: 374
This trend indicates a 11% change.

VIEW No. 378

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **TAX PREPARER**
SOC No. 4712308
DOT No. 219.362-070
GOE Interest Area: 07.02 Mathematical Detail

## DESCRIPTION
Prepares income tax return forms for individuals and small businesses. Reviews financial records, expense records and income statements to determine what forms need to be filled out. Interviews clients to get more information on their income and expenses. Computes figures to determine how much money is owed in taxes. Uses adding machines or computerized income tax program to prepare income tax statement.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- speaking.
- seeing.
- hearing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 219.362-070 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 1 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS
INTERESTS - You would like:
- business contact with people.
- working with things, numbers or objects.
- working with machines, process or techniques.

## TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- taking responsibility.
- decisions based on personal judgment.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Self-employed
- Miscellaneous Personal Services
- Personal Affairs Management Services

## SIMILAR OCCUPATIONS
- Legal Technician (N/E);
- Accounting Specialist/Enl (Mil);
- Legal Secretary;
- Bookkeeping or Accounting Clerk

## PROGRAMS OF STUDY
- information not available at this time

## EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 2,280 (in 1993)
  : 2,718 (in 1998)

Average annual number of openings from 1993 to 1998: 194
This trend indicates a 19% change.

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: TAXI DRIVER OR CHAUFFEUR**
SOC No. 8216100
DOT No. 359.673-010
GOE Interest Area: 09.03 Passenger Services

## DESCRIPTION

**Drives cars, taxicabs, limousines, or hearses. May work for themselves or for a company. May transport passengers or cargo. May drive delivery service vehicles. May drive newly assembled cars to shipping areas.**
**RELATED EDUCATION PROGRAMS: Truck and Bus Driving.**
EMPLOYERS: Taxicab companies; Funeral homes; Automobile leasing and service companies; Limousine companies; Self-employed.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside. • irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 359.673-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(3) Driving-Operating: Steering or guiding machines or tools. Estimating distance, speed, and direction.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

| | | |
|---|---|---|
| Aptitude 01: | 3 | G. General Learning Ability |
| Aptitude 02: | 4 | V. Verbal Aptitude |
| Aptitude 03: | 4 | N. Numerical Aptitude |
| Aptitude 04: | 3 | S. Spatial Perception |
| Aptitude 05: | 4 | P. Form Perception |
| Aptitude 06: | 4 | Q. Clerical Perception |
| Aptitude 07: | 3 | K. Eye-Hand Coordination |
| Aptitude 08: | 4 | F. Finger Dexterity |
| Aptitude 09: | 3 | M. Manual Dexterity |

INTERESTS - You would like:
- working with things, numbers or objects.
- business contact with people.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Local and Suburban Transport
- Self-employed
- Automotive Rental and Leasing, Without Drivers

## SIMILAR OCCUPATIONS

- Deliverer, Car Rental;
- Driver or Sales Worker;
- Chauffeur, Funeral Car

## PROGRAMS OF STUDY

- Truck & Bus Driving

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 12,841 (in 1993)
  : 15,217 (in 1998)

Average annual number of openings from 1993 to 1998: 1,216
This trend indicates a 19% change.

FLORIDA VIEW

Vital Information for Education and Work

Title: **TEACHER AIDE**
SOC No. 4795000
DOT No. 249.367-074
GOE Interest Area: 07.01 Administrative Detail

## DESCRIPTION

Supervises students at play, in the classroom, cafeteria or on field trips. Arranges classroom materials and assists teacher with classroom projects. May tutor or assist students in learning class material. May operate audiovisual equipment, record grades or assist teacher with materials preparation.

RELATED EDUCATION PROGRAMS: Teacher Assisting. On-the-job training.

EMPLOYERS: Public and private schools; Child day care services.

MORE INFORMATION: American Federation of Teachers; 555 New Jersey Ave, NW; Washington, D.C. 20001.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 249.367-074 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working to improve social conditions.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- dealing with people.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Colleges, Universities, Professional Schools, and Junior Colleges
- Elementary and Secondary Schools
- Child Day Care Services

## SIMILAR OCCUPATIONS

- Attendant, Children's Institution;
- Child Care Attendant, School;
- Children's Attendant;
- Grading Clerk

## PROGRAMS OF STUDY

- Teacher Education, General Programs, Other
- Teacher Assisting

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 20069 (in 1993)
  : 22613 (in 1998)

Average annual number of openings from 1993 to 1998: 963
This trend indicates a 13% change.

# FLORIDA VIEW

Vital Information for Education and Work

**Title: TEACHER, KINDERGARTEN OR ELEMENTARY**
**SOC No.** 2320000
**DOT No.** 092.227-010
**GOE Interest Area:** 11.02 Educational and Library Services

## DESCRIPTION

Teaches kindergarten or elementary school students academic, social and physical skills. Plans teaching activities. Prepares and corrects tests. Conducts classroom activities using teaching aids. Records grades. Meets with parents.
RELATED EDUCATION PROGRAMS: Elementary and Pre-elementary Education. Certification Required.
EMPLOYERS: Public and private elementary schools.
MORE INFORMATION: National Education Association; 1201 16th St. NW; Washington, D.C. 20036; Also State and local Education Association.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- standing for a long time.
- hearing.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 092.227-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Conventional - includes office and clerical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- directing or organizing, or activities resulting in recognition.
- working to improve social conditions.
- studying people or communicating ideas.

## TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- dealing with people.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Elementary and Secondary Schools
- Child Day Care Services
- Colleges, Universities, Professional Schools, and Junior Colleges

## SIMILAR OCCUPATIONS

- Children's Tutor;
- Director, Preschool;
- Teacher Aide;
- Teacher, Preschool

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 46,063 (in 1993)
  : 50,884 (in 1998)

Average annual number of openings from 1993 to 1998: 2,249
This trend indicates a 10% change.

VIEW No. 382

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **TEACHER, PRESCHOOL**
SOC No. 2310200
DOT No. 092.227-018
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

## DESCRIPTION

Instructs children in activities designed to promote social, physical, and intellectual growth in preparation for primary school. Supervises field trips and play time. Plans activities to promote learning and good self-control.
RELATED EDUCATION PROGRAMS: Child Care Management; Pre-elementary Education. Certification usually required.
EMPLOYERS: Day care centers for children
MORE INFORMATION: Childcare Employee Project; PO Box 5603; Berkeley, CA 94705

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- walking.
- seeing differences in color.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 092.227-018 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working to improve social conditions.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- decisions based on personal judgment.
- dealing with people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Elementary and Secondary Schools
- Social Services, not Elsewhere Classified
- Child Day Care Services

## SIMILAR OCCUPATIONS

- Teacher, Kindergarten or Elementary;
- Director, Preschool;
- Child Care Aide

## PROGRAMS OF STUDY

- Teacher Education, General Programs, Other
- Bilingual/Crosscultural Education
- Bilingual/Crosscultural Education, Other
- Elementary Education
- Pre-Elementary Education
- Child Development, Care, & Guidance

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 23,780 (in 1993)
  : 27,696 (in 1998)

Average annual number of openings from 1993 to 1998: 1,319
This trend indicates a 16% change.

# FLORIDA VIEW

Vital Information for Education and Work

**Title: TEACHER, SECONDARY SCHOOL**
SOC No. 2330200
DOT No. 091.227-010
GOE Interest Area: 11.02 Educational and Library Services

## DESCRIPTION

Works in middle, junior high, and high schools. Instructs students in specific subjects such as English, Math, Social Studies, or Science. Some teach courses to prepare students for specific jobs. Develops teaching plans, and gives exams.

RELATED EDUCATION PROGRAMS: Secondary Education. Certification required.

EMPLOYERS: Public and private secondary schools.

MORE INFORMATION: State or Local Office of the National Education Association.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • overtime work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- hearing.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 091.227-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:

- working to improve social conditions.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- decisions based on personal judgment.
- influencing people.
- dealing with people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Colleges, Universities, Professional Schools, and Junior Colleges
- Elementary and Secondary Schools

## SIMILAR OCCUPATIONS

- Principal;
- Physical Education Instructor;
- Military Science Instructor;
- Industrial Arts Teacher

## PROGRAMS OF STUDY

- Music Education
- Art Education
- Computer Education
- Trade & Industrial Education
- Nutritional Education
- Social Studies Education
- Agricultural Education
- Driver and Safety Education
- Technical Education
- Foreign Languages Education
- English Education
- Science Education
- Mathematics Education
- Marketing & Distributive Education
- Social Science Education
- Home Economics Education
- Business Education
- Physical Education
- Industrial Arts Education
- Secondary Education
- Reading Education
- Teacher Education, Specific Subject Areas, Other
- Junior High/Middle School Education
- Health Education

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 49,292 (in 1993)
  : 54,444 (in 1998)

Average annual number of openings from 1993 to 1998: 2,503
This trend indicates a 10% change.

VIEW No. 384

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **TEACHER, SPECIAL EDUCATION**
SOC No. 2350000
DOT No. 094.227-018
GOE Interest Area: 10.02 Nursing, Therapy, & Specialized Teaching Services

## DESCRIPTION

Teaches academic and social skills to children and adults who have special needs. Adapts learning methods and materials for use by people who are blind, hearing impaired, or mentally or physically handicapped.

RELATED EDUCATION PROGRAMS: Special Education. Certification required.

EMPLOYERS: Public and private schools; Rehabilitation centers; Government agencies; Hospitals.

MORE INFORMATION: National Education Association; 1201 16th St, NW; Washington, D.C. 20036

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- hearing.
- speaking.
- reaching, handling, fingering, or feeling.
- seeing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 094.227-018 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- directing or organizing, or activities resulting in recognition.
- working to improve social conditions.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- many changing duties.
- dealing with people.
- influencing people.
- decisions based on personal judgment.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Colleges, Universities, Professional Schools, and Junior Colleges
- Elementary and Secondary Schools

## SIMILAR OCCUPATIONS

- Educational Therapist (N/E);
- Teacher, Deaf;
- Teacher, Blind;
- Teacher, Handicapped Students;
- Teacher, Mentally Handicapped

## PROGRAMS OF STUDY

- Education of the Mentally Handicapped
- Speech Correction
- Education of the Multiple Handicapped
- Education of the Culturally Disadvantaged
- Special Education, Other
- Education of the Gifted & Talented
- Special Learning Disabilities
- Remedial Education
- Education of the Emotionally Handicapped
- Education of the Physically Handicapped
- Education of the Deaf & Hearing Impaired
- Education of the Visually Handicapped
- Special Education, General

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $22,000 to $26,999 per year (up to $13.77 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 14775 (in 1993)
  : 16318 (in 1998)

Average annual number of openings from 1993 to 1998: 808
This trend indicates a 10% change.

# FLORIDA VIEW

## Vital Information for Education and Work

Title: **TEACHER, VOCATIONAL EDUCATION**
SOC No. 2390700
DOT No. 097.227-014
GOE Interest Area: 11.02 Educational and Library Services

DESCRIPTION
Teaches vocational training subjects in specific trades to students in public or private school or industrial plants. Organizes program of practical and technical instruction. Plans and supervises work of students.
RELATED TRAINING: Requirements vary by state and subject area. Some require licensing, experience, and some formal training.
EMPLOYERS: Public and private secondary and post-secondary high schools; vocational schools and community colleges.
MORE INFORMATION: American Vocational Association, 2020 N. 14th St, Arlington, VA 22201

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 097.227-014 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(7) Handling: Moving or carrying things.

HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- business contact with people.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.
- working to improve social conditions.

TEMPERAMENTS - You would like work with:
- taking responsibility.
- dealing with people.
- decisions based on personal judgment.
- influencing people.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Correspondence and Vocational
- Elementary and Secondary Schools
- Colleges, Universities, Professional Schools, and Junior Colleges

SIMILAR OCCUPATIONS
- Trainer/Enl (Mil);
- Teacher, Industrial Arts;
- Director, Vocational

PROGRAMS OF STUDY
- Teaching English as a Second Language
- Science Education
- Marketing & Distributive Education
- Home Economics Education
- Social Science Education
- Foreign Languages Education
- Industrial Arts Education
- Adult & Continuing Education
- Health Education
- Social Studies Education
- Agricultural Education
- Driver and Safety Education
- Reading Education
- Physical Education
- Trade & Industrial Education
- Music Education
- Educational Media
- Art Education
- English Education
- Curriculum & Instruction
- Technical Education
- Nutritional Education
- Business Education
- Mathematics Education

EDUCATION LEVEL
- 2 to 4 years Comm. Coll., Voc/Tech. or University.

AVERAGE BEGINNING WAGE
- $17,000 to $21,999 per year (up to $11.22 per hour).

FUTURE OUTLOOK
- Projected number of employees: 13,923 (in 1993)
  : 15,813 (in 1998)

Average annual number of openings from 1993 to 1998: 1,263
This trend indicates a 14% change.

VIEW No. 386

# FLORIDA VIEW

Vital Information for Education and Work

Title: **TEACHER; MUSIC, ART OR DRAMA**
SOC No. 2390271
DOT No. 152.021-010
GOE Interest Area: 01.04 Performing Arts: Music

## DESCRIPTION

Teaches persons or groups to read music and play musical instruments. Plans the course of study according to the interests and abilities of the student. Teaches the student to play an instrument by using audio/visual aids, pictures, and demonstrations. Assigns exercises to develop the use of fingers, hands, and feet. Directs instrumental groups in special programs. SPECIAL NOTE** Florida requires a teaching certificate for public schools.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • overtime work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 152.021-010 indicates the following on data, people, and things.

(0) Synthesizing: Putting ideas and facts together in new ways to explain how things work. Developing new ideas and theories.

(2) Instructing: Teaching people (or animals) by explaining, showing, or watching them practice. Giving advice on a topic that you know a great deal about.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Artistic - includes artistic, musical, and some writing occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 1 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- working to improve social conditions.
- directing or organizing, or activities resulting in recognition.
- abstract and creative work.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- dealing with people.
- expressing feelings and ideas.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Colleges, Universities, Professional Schools, and Junior Colleges

## SIMILAR OCCUPATIONS

- Musician, Instrumental;
- Music Conductor;
- Composer

## PROGRAMS OF STUDY

- Music Education
- Teacher Education, Specific Subject Areas, Other
- Art Education

## EDUCATION LEVEL

- Undergraduate Degree.

## AVERAGE BEGINNING WAGE

- $27,000 to $32,999 per year (up to $16.83 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,588 (in 1993)
  : 1,756 (in 1998)

Average annual number of openings from 1993 to 1998: 106
This trend indicates a 11% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **TELEGRAPHER**
SOC No. 4733000
DOT No. 236.562-010
GOE Interest Area: 07.04 Oral Communications

## DESCRIPTION

Operates telegraph equipment to send and receive messages for customers or businesses. May use a special typewriter to transfer bank funds. Many perform clerical or other office duties in addition to sending and receiving messages.
RELATED EDUCATION PROGRAMS: Receptionist and Communications Systems Operation; On-the-job training; Military services.
EMPLOYERS: Telegraph companies, Railroad yards; Military services.
MORE INFORMATION: Communications Workers of America, 1925 K Street NW, Washington, D.C. 20006.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 236.562-010 indicates the following on data, people, and things.

(5) Copying: Writing, listing, or entering numbers or letters exactly as seen.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Commercial and Stock Savings
- Security Brokers and Dealers
- Savings Institutions, Credit Unions; Chartered or not Chartered

## SIMILAR OCCUPATIONS

- Waterway Traffic Checker;
- Wires-Transfer Clerk;
- Teletype Operator/Enl (Mil);
- Telegraphic-Typewriter Operator;
- Telegrapher Agent

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 515 (in 1993) |
| : | 564 (in 1998) |

Average annual number of openings from 1993 to 1998: 27
This trend indicates a 10% change.

VIEW No. 388

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **TELEPHONE INSTALLER OR REPAIRER**
SOC No. 6158100
DOT No. 822.261-022
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Installs and repairs telephones. Changes phones and puts in new equipment. Installs switchboards, telephone booths, or changes a customer's two-party line to a private line or adds extensions. May specialize in servicing a certain kind of equipment. May climb poles or ladders to connect wires.
RELATED EDUCATION PROGRAMS: Communications Electronics; Company training Program
EMPLOYERS: Telephone companies
MORE INFORMATION: Communications Workers of America, 1925 K St NW; Washington, D.C. 20006

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- extreme cold.
- risk of injury.
- damp or wet.
- extreme heat.

## LOCATION AND HOURS OF WORK

Most of this work tends to be:
- both inside and outside.

and will probably involve:
- rotating shift work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- climbing or balancing.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing differences in color.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 822.261-022 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Communications Services, not Elsewhere Classified
- Telephone Communication
- Self-employed

## SIMILAR OCCUPATIONS

- Protective Signal Installer;
- Telephone Technician;
- Private Branch Exchange Repairer;
- Cable Tester;
- Transmission Tester;
- Maintenance Mechanic, Telephone

## PROGRAMS OF STUDY

- Electrical & Electronics Equipment Repair, General

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 4,236 (in 1993)
  : 4,249 (in 1998)

Average annual number of openings from 1993 to 1998: 48
This trend indicates a 0% change.

VIEW No. 389

FLORIDA

# VIEW

Vital Information for Education and Work

**Title: TELEPHONE LINE INSTALLER OR REPAIRER**
SOC No. 6157000
DOT No. 822.381-014
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Installs and repairs telephone and telegraph lines, poles, and related equipment. Digs holes, climbs poles or enters tunnels and sewers to cut in feeder lines. Unreels and strings lines. Installs hardware and attaches line.

RELATED EDUCATION PROGRAMS: Lineworker; On-the-job training; In-house training programs.

EMPLOYERS: Telephone and telegraph companies.

MORE INFORMATION: Communications Workers of America, 1925 K St NW; Washington, D.C. 20006.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme heat.
- extreme cold.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- carrying.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing differences in color.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 822.381-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

| | | |
|---|---|---|
| Aptitude 01: | 3 | G. General Learning Ability |
| Aptitude 02: | 3 | V. Verbal Aptitude |
| Aptitude 03: | 3 | N. Numerical Aptitude |
| Aptitude 04: | 4 | S. Spatial Perception |
| Aptitude 05: | 3 | P. Form Perception |
| Aptitude 06: | 4 | Q. Clerical Perception |
| Aptitude 07: | 4 | K. Eye-Hand Coordination |
| Aptitude 08: | 4 | F. Finger Dexterity |
| Aptitude 09: | 3 | M. Manual Dexterity |

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Heavy Construction, Ex. Highways and Streets
- Electrical Work
- Telephone Communication

## SIMILAR OCCUPATIONS

- Trouble Locator, Test Desk;
- Frame Writer;
- Line Repairer;
- Cable Splicer;
- Electric Cable Diagrammer

## PROGRAMS OF STUDY

- Electrical & Power Transmission Installation, General
- Electrician

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 11,407 (in 1993)
  : 12,422 (in 1998)

Average annual number of openings from 1993 to 1998: 270
This trend indicates a 9% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **TELEPHONE-ANSWERING-SERVICE OPERATOR**
SOC No. 4739208
DOT No. 235.662-026
GOE Interest Area: 07.04 Oral Communications

## DESCRIPTION

Provides telephone answering service for clients, such as doctors, lawyers and executives. Greets the caller and gives out information and relays calls. Places phone calls for clients in emergencies. Dates and keeps files of messages.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- rotating shift work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 235.662-026 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 5 N. Numerical Aptitude
Aptitude 04: 5 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- detailed, organized work following set sequence.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- dealing with people.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Communications Services, not Elsewhere Classified
- Telephone Communication

## SIMILAR OCCUPATIONS

- Telephone Operator/Enl (Mil);
- Telephone Operator;
- Radio Dispatcher

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll, Voc/Tech. or Univ.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 168 (in 1993)
  : 186 (in 1998)

Average annual number of openings from 1993 to 1998: 7
This trend indicates a 11% change.

VIEW No. 391

# FLORIDA VIEW

Vital Information for Education and Work

Title: **TEST TECHNICIAN**
SOC No. 3719241
DOT No. 019.161-014
GOE Interest Area: 05.01 Engineering

## DESCRIPTION

Designs and performs safety and performance tests on civil engineering projects. Figures out cost estimates. Helps prepare engineering drawings for buildings and bridges. Conducts field and laboratory tests of construction materials. Takes soil samples. Summarizes data. Writes reports for the construction and upkeep of highways, railroads, and waterways. Gathers information for traffic studies.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- weekend work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 019.161-014 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 5 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 6 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 5 K. Eye-Hand Coordination
Aptitude 08: 5 F. Finger Dexterity
Aptitude 09: 5 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on personal judgment.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Communication Equipment
- Personnel Supply Services
- Federal Government

## SIMILAR OCCUPATIONS

- Interviewing Clerk;
- Career Guidance Technician (N/E);
- Administrative Support Specialist/Enl (Mil)

## PROGRAMS OF STUDY

- Civil Technology

## EDUCATION LEVEL

- 2 to 4 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 5,196 (in 1993)
  : 5,890 (in 1998)

Average annual number of openings from 1993 to 1998: 302
This trend indicates a 13% change.

VIEW No. 392

FLORIDA
VIEW
Vital Information for Education and Work

Title: **TEXTILE MACHINE SETTER OR SET-UP OPERATOR**
SOC No. 7450100
DOT No. 690.380-014
GOE Interest Area: 06.01 Production Technology

## DESCRIPTION

Sets up and operates machines that make or process textile products. May run machines that shape garments, cut cloth, weave fabrics, or knit hosiery. Reads work orders, installs required attachments, adjusts and tests machines.
RELATED EDUCATION PROGRAMS: Industrial Machinery Maintenance and Repair. On-the-job training.
EMPLOYERS: Textile mills and makers of synthetic materials.
MORE INFORMATION: American Textiles Manufactures Institute Inc; 1101 Connecticut Ave, NW; Suite 300; Washington, D.C. 20036

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- risk of injury.
- dust, fumes, odors, poor ventilation.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- standing for a long time.
- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 690.380-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Miscellaneous Textile Goods
- Plastics Materials and Synthetics
- Miscellaneous Plastics Products

## SIMILAR OCCUPATIONS

- Machine Fixer
- Loom Changer;
- Section Leader and Machine Setter;
- Quilter Fixer;
- Needle Loom Setter

## PROGRAMS OF STUDY

- Clothing & Apparel Production & Services, General

## EDUCATION LEVEL

- HS Graduation or less than 1 year Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 841 (in 1993)
  : 769 (in 1998)

Average annual number of openings from 1993 to 1998: -1
This trend indicates a -9% change.

FLORIDA
VIEW
Vital Information for Education and Work

**Title: TIRE BUILDING MACHINE OPERATOR**
SOC No. 7679300
DOT No. 750.384-010
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Operates machines, such as collapsible drum devices, to build pneumatic tires from rubber components, such as beads, ply stock, thread, and sidewalls. May build heavy-service or limited production tires for aircraft.
RELATED EDUCATION PROGRAMS: On-the-job training.
EMPLOYERS: Plants that make rubber tires and inner tubes.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 750.384-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

VIEW No. 394

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Rubber and Plastic Hose

## SIMILAR OCCUPATIONS

- Wrapping Machine Operator;
- Paper Core Machine Tender;
- Tire Recapper

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 5 (in 1993) |
| : | 6 (in 1998) |

Average annual number of openings from 1993 to 1998: 0
This trend indicates a 0% change.

FLORIDA
# VIEW
Vital Information for Education and Work

**Title: TIRE REPAIRER OR CHANGER**
SOC No. 6179400
DOT No. 915.684-010
GOE Interest Area: 05.12 Elemental Work: Mechanical

## DESCRIPTION
Repairs and replaces tires, tubes, and treads on cars, trucks and other vehicles. Duties include mounting tires on wheels, balancing tires and wheels, and testing and repairing damaged tires and inner tubes.
RELATED EDUCATION PROGRAMS: On-the-job training
EMPLOYERS: Auto supply stores; Gasoline service stations; Tire repair shops.
MORE INFORMATION: Local Job Service Office.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- risk of injury.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • weekend work. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- carrying.
- lifting.
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 915.684-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Department Stores
- Auto and Home Supply Stores
- Automobile Repair Shops

## SIMILAR OCCUPATIONS
- Tire Balancer;
- Tire Recapper;
- Tire Service Supervisor;
- Aluminum Fabrication Supervisor;
- Tire Rebuilder;
- Tire Technician

## PROGRAMS OF STUDY
- Automotive Mechanics

## EDUCATION LEVEL
- 8 to 11 years education.

## AVERAGE BEGINNING WAGE
- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 5,677 (in 1993)
  : 6,378 (in 1998)

Average annual number of openings from 1993 to 1998: 340
This trend indicates a 12% change.

FLORIDA
**VIEW**
Vital Information for Education and Work

Title: TITLE EXAMINER OR SEARCHER
SOC No. 3960300
DOT No. 209.367-046
GOE Interest Area: 07.05 Records Processing

DESCRIPTION
Searches public and private records to compile list of legal documents pertaining to property titles. Searches mortgages, deeds, and other documents to determine legal status of property for real estate purposes. May prepare title policy that guarantees legality of property.
RELATED EDUCATION PROGRAMS: Legal Assisting
EMPLOYERS: Pension funds; Titles abstract offices; Legal services
MORE INFORMATION: National Association of Legal Assistants; 1420 S Utica St; Tulsa, OK 74104

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- seeing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 209.367-046 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

HOLLAND TYPES
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:
- detailed, organized work following set sequence.
- business contact with people.
- working with things, numbers or objects.

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- meeting strict standards.
- decisions based on facts.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Title Abstract Offices
- Legal Services, Total
- Title Insurance

SIMILAR OCCUPATIONS
- Title Clerk;
- Title Examiner;
- Title Supervisor;
- Legal Technician (N/E);
- Abstractor

PROGRAMS OF STUDY
- Legal Assisting

EDUCATION LEVEL
- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK
- Projected number of employees: 618 (in 1993)
  : 699 (in 1998)

Average annual number of openings from 1993 to 1998: 41
This trend indicates a 13% change.

VIEW No. 396

FLORIDA
VIEW
Vital Information for Education and Work

Title: **TOOL AND DIE MAKER**
SOC No. 6811100
DOT No. 601.280-046
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Makes machine-shop tools, jigs, fixtures, instruments, and metal-forming dies. Analyzes specifications. Lays out metal stock, fits and assembles parts to operate machine tools that make or repair dies. Uses knowledge of tool and die design, measurements, mathematics, and blueprints.
RELATED EDUCATION PROGRAMS: Tool and Die Making.
EMPLOYERS: This occupation is found in many manufacturing industries. The largest include fabricated metal products, nonelectrical machinery, and transportation equipment.
MORE INFORMATION: The National Machine Tool Builders; 7901 Westpark Dr; Mclean, VA 22102 SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • weekend work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- carrying.
- stooping, kneeling, crouching, or crawling.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 601.280-046 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 2 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Metalworking Machinery and Equipment
- Miscellaneous Plastics Products
- Ship and Boat Building and Repairing

## SIMILAR OCCUPATIONS

- Instrument Maker;
- Die Finisher;
- Plastic Tool Maker;
- Die Maker, Stamping;
- Die Sinker

## PROGRAMS OF STUDY

- Machine Tool Operation/Machine Shop
- Tool & Die Making

## EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,746 (in 1993)
  : 3,065 (in 1998)

Average annual number of openings from 1993 to 1998: 294
This trend indicates a 12% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **TRACK REPAIRER**
SOC No. 6467208
DOT No. 910.682-010
GOE Interest Area: 05.12 Elemental Work: Mechanical

## DESCRIPTION

Lays and repairs railroad track for railways, plant yards, quarries and mines, as a member of a crew. Operates railroad maintenance equipment to drive or cut railroad spikes or ties. Drives spikes to fasten rails to ties. Cuts rails to specified lengths. Sprays ties and joints with oil to protect them from weather. May paint signs such as speed limits and gate crossing warnings.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- risk of injury.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
• outside. • overtime work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 910.682-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

VIEW No. 398

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Railroad Transportation

## SIMILAR OCCUPATIONS

- Highway Maintenance Worker;
- Paving Equipment Operator/Enl (Mil);
- Paving and Surfacing Equipment Operator;
- Railway Equipment Operator

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

• Projected number of employees: 356 (in 1993)
: 304 (in 1998)

Average annual number of openings from 1993 to 1998: -4
This trend indicates a -1% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **TRAILER ASSEMBLER**
SOC No. 6812292
DOT No. 806.381-058
GOE Interest Area: 06.02 Production Work

## DESCRIPTION

Builds truck bodies and trailers using detailed plans. Lays out dimensions using measuring instruments. Fits and assembles doors, handles, hinges, and locks. Welds, glues, bolts or rivets body using hand power tools. Mounts tires on wheels. Places insulating material between framing and outer door. Strings wiring for lighting system.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
• inside. • irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- heavy - might lift or move 50 to 100 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 806.381-058 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- many changing duties.
- taking responsibility.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Ophthalmic Goods
- Communication Equipment
- Guided Missiles and Space Vehicles and Parts

## SIMILAR OCCUPATIONS

- Assembler, Production;
- Assembler, Automobile;
- Auto Assembler, Structural Metal;
- Electromechanical Equipment Assemble

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- grade 12 plus apprenticeship (2-5 years).

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 1,932 (in 1993)
  : 2,177 (in 1998)

Average annual number of openings from 1993 to 1998: 120
This trend indicates a 13% change.

FLORIDA

# VIEW

## Vital Information for Education and Work

Title: **TRANSPORTATION SUPERVISOR**
SOC No. 8100100
DOT No. 184.167-226
GOE Interest Area: 05.12 Elemental Work: Mechanical

DESCRIPTION
Supervises workers who operate transportation and material moving equipment at construction or mining sites, shipyards or rail yards. May dispatch buses or delivery trucks. Plans work schedules, assigns duties and prepares reports.
RELATED EDUCATION PROGRAMS: Trade and Industrial Supervision and Management. Experience in lower level jobs.
EMPLOYERS: Industrial firms; Train companies; Trucking firms; Warehouses and storage companies; Heavy construction contractors.

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- risk of injury.
- noise and vibrations.

LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- speaking.
- hearing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 184.167-226 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:
- business contact with people.
- directing or organizing, or activities resulting in recognition.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- taking responsibility.
- many changing duties.
- dealing with people.
- decisions based on facts.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Air Transportation, Scheduled, and Air Courier Service
- Public Finance, Taxation and Monetary Policy
- Trucking and Courier Services, Except Air

SIMILAR OCCUPATIONS
- Pullman Conductor;
- Yard Manager;
- Warehouse Traffic Supervisor;
- Manager, Storage Garage;
- Dispatcher, Bus and Trolley;
- Chief Station Engineer

PROGRAMS OF STUDY
- Trade, Industrial Supervision & Management

EDUCATION LEVEL
- 11 to 13 years education.

AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK
• Projected number of employees: 3,923 (in 1993)
: 4,320 (in 1998)

Average annual number of openings from 1993 to 1998: 185
This trend indicates a 10% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **TRAVEL AGENT**
SOC No. 4369000
DOT No. 252.157-010
GOE Interest Area: 08.02 General Sales

## DESCRIPTION

Plans trips for people. Determines type of transportation, travel dates, costs, and accommodations required. Books transportation, makes hotel reservations, gives the information and tickets to customers. Collects payment. May specialize in foreign or domestic travel.

RELATED EDUCATION PROGRAMS: Travel Services Marketing; Transportation and Travel Marketing.

EMPLOYERS: Travel arrangement agencies.

MORE INFORMATION: American Society of Travel Agents; 4400 MacArthur Blvd, NW; Washington, D.C. 20007.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 252.157-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(5) Persuading: Winning others over to a product, service, or point of view.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- business contact with people.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- influencing people.
- decisions based on personal judgment.
- dealing with people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Arrangement of Passenger Transportation
- Self-employed
- Membership Organizations, not Elsewhere Classified

## SIMILAR OCCUPATIONS

- Supervisor, Ticket Sales;
- Reservation and Ticket Agent;
- Scheduler;
- Travel Counselor, Automobile Club

## PROGRAMS OF STUDY

- Transportation & Travel Marketing, General
- Tourism
- Travel Services Marketing

## EDUCATION LEVEL

- less than 1 year Vocational or Trade School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 8,908 (in 1993)
  : 10,270 (in 1998)

Average annual number of openings from 1993 to 1998: 870
This trend indicates a 15% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: TYPESETTER
SOC No. 6841100
DOT No. 973.381-010
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Arranges and sets type by hand. Locks the setup in a gallery to print newspapers or other materials. May use a computer to typeset, space, hyphenate, and create columns of text.

RELATED EDUCATION PROGRAMS: Composition; Make-up and Typesetting.

EMPLOYERS: Newspapers; Commercial printing companies; Typesetting services; Self-employed.

MORE INFORMATION: Education Council of the Graphic Arts Industry; 4615 Forbes Ave; Pittsburgh, PA 15213

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- noise and vibrations.
- risk of injury.
- extreme heat.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 973.381-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Realistic - includes skilled trades, technical and service occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS - You would like:

- working with things, numbers or objects.
- working on or producing things.
- working with machines, process or techniques.

## TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Newspapers: Publishing or Printing
- Self-employed
- Commercial Printing

## SIMILAR OCCUPATIONS

- Make-Up Arranger;
- Proofsheet Arranger;
- Compositor;
- Job Printer

## PROGRAMS OF STUDY

- Graphic & Printing Communications, General
- Word Processing

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 937 (in 1993)
  : 1,080 (in 1998)

Average annual number of openings from 1993 to 1998: 66
This trend indicates a 15% change.

VIEW No. 402

FLORIDA
VIEW

Vital Information for Education and Work

Title: **TYPESETTING OR COMPOSING MACHINE OPERATOR**
SOC No. 7642100
DOT No. 650.685-010
GOE Interest Area: 05.10 Crafts

## DESCRIPTION

Operates machines to prepare material to be printed in publications. Some operate keyboard machines to assemble and set type letter by letter. Some machines cast complete lines of type from type metal.
RELATED EDUCATION PROGRAMS: Composition; Make-up and Typesetting. On-the-job training. This job is changing due to technological advances.
MORE INFORMATION: Graphics Communications International Union; 1900 L St, NW; Washington, D.C. 20336

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- extreme heat.
- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 650.685-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(5) Tending: Starting, stopping, and watching machines work. Watching timers or gages. Making changes based on rules.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Service Industries for the Printing Trade
- Commercial Printing
- Newspapers: Publishing or Printing

## SIMILAR OCCUPATIONS

- Photolettering Machine Operator;
- Linotype Operator;
- Phototypesetter Operator;
- Photocomposing Machine Operator;
- Monotype Keyboard Operator

## PROGRAMS OF STUDY

- Printing Press Operations
- Graphic & Printing Communications, General

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,014 (in 1993)
  : 2,336 (in 1998)

Average annual number of openings from 1993 to 1998: 146
This trend indicates a 16% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: TYPIST
SOC No. 4624100
DOT No. 203.582-066
GOE Interest Area: 07.06 Clerical Machine Operation

## DESCRIPTION

Prepares typed correspondence, charts, or reports. Works as a team member and may answer the phone, file, or operate office machines. Beginning typists may address envelopes or type lists. Experienced typists may prepare typed materials for many people or prepare a typed "master" to be photocopied.
RELATED EDUCATION PROGRAMS: Typing.
EMPLOYERS: This occupation is found in many industries. Some of the largest include government agencies, temporary personnel agencies, schools, and hospitals.
MORE INFORMATION: Local State Job Service Office.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 203.582-066 indicates the following on data, people, and things.

(5) Copying: Writing, listing, or entering numbers or letters exactly as seen.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Public Finance, Taxation and Monetary Policy
- Justice, Public Order and Safety
- Hospitals

## SIMILAR OCCUPATIONS

- Bordereau Clerk;
- Clerk Typist;
- Typist, Word Processing;
- Continuity Clerk;
- Notereader

## PROGRAMS OF STUDY

- Clerk-Typist
- Typing, General Office, & Related Programs, General
- Word Processing
- Typing, General Office, & Related Programs, Other

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., Voc/Tech. or University.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 36,026 (in 1993)
  : 41,080 (in 1998)

Average annual number of openings from 1993 to 1998: 2,260
This trend indicates a 14% change.

VIEW No. 404

FLORIDA
# VIEW

Vital Information for Education and Work

Title: **TYPIST, WORD PROCESSING**
SOC No. 4624200
DOT No. 203.362-022
GOE Interest Area: 07.06 Clerical Machine Operation

## DESCRIPTION

Uses computerized word processing equipment and printers. Creates, edits, and prints letters, reports, statistical tables, and forms. May maintain information on diskettes. May file office records and answer the phone.
RELATED EDUCATION PROGRAMS: Word Processing; Typing.
EMPLOYERS: Government Agencies; Businesses; Industries, Schools.
MORE INFORMATION: Association of Independent Colleges and Schools; 1 Dupont Circle NW; Suite 350; Washington, D.C. 20036.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside. • no unusual travel or irregular hours.

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- sitting for along time.
- speaking.
- reaching, handling, fingering, or feeling.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 203.362-022 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 2 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- meeting strict standards.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Personnel Supply Services
- Colleges, Universities, Professional Schools, and Junior Colleges
- Legal Services, Total

## SIMILAR OCCUPATIONS

- Data Entry Keyer;
- Terminal Operator;
- Typist;
- Magnetic-Tape-Typewriter Operator;
- Data Typist

## PROGRAMS OF STUDY

- Typing, General Office, & Related Programs, Other
- Typing, General Office, & Related Programs, General
- Word Processing

## EDUCATION LEVEL

- High School Graduate.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 17,551 (in 1993)
  : 20,603 (in 1998)

Average annual number of openings from 1993 to 1998: 1,228
This trend indicates a 17% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **UNDERWRITER**
SOC No. 1414000
DOT No. 169.167-058
GOE Interest Area: 11.06 Finance

DESCRIPTION

Reviews insurance applications to decide what risks an insurance company may need to take to insure a client. Measures the risk to the company based on the applicant's age, job, accident history, and value of property to insure. The higher the risk, the more the applicant will have to pay for the insurance. May specialize in life, health, or property insurance.

RELATED EDUCATION PROGRAMS: Business Administration and Management; Insurance and Risk Management.

EMPLOYERS: Insurance Brokers and agencies; Credit agencies.

MORE INFORMATION: Insurance Information Institute; 110 William St; New York, NY 10038

THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:

- inside.
- no unusual travel or irregular hours.

PHYSICAL DEMANDS

The physical demands for this occupation are:

- sedentary - might lift or move up to 10 pounds.

PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 169.167-058 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

HOLLAND TYPES

Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.
Investigative - includes scientific and some technical occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 2 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- scientific or technical work.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- taking responsibility.
- decisions based on facts.
- decisions based on personal judgment.
- meeting strict standards.

THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Insurance Agents, Brokers, and Service
- Life Insurance
- Fire, Marine, and Casualty Insurance

SIMILAR OCCUPATIONS

- Loan Officer or Counselor;
- Insurance Application Investigator;
- Credit Analyst;
- Agent-Contract Clerk;
- Estate Planner

PROGRAMS OF STUDY

- Insurance & Risk Management
- Insurance Marketing, General
- Business Administration & Management

EDUCATION LEVEL

- Undergraduate Degree.

AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

FUTURE OUTLOOK

- Projected number of employees: 6,692 (in 1993)
  : 7,631 (in 1998)

Average annual number of openings from 1993 to 1998: 286
This trend indicates a 14% change.

VIEW No. 406

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **UPHOLSTERER**
SOC No. 6853200
DOT No. 780.381-018
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Makes, repairs, and replaces upholstery used on furniture or inside vehicles. Removes and replaces worn fabrics, springs and padding. Makes slipcovers and other custom coverings. Uses handtools and sewing machines.
RELATED EDUCATION PROGRAMS: Upholstering; Custom Slipcovering and Upholstering. On-the-job training.
EMPLOYERS: Upholstered furniture manufacturers; Reupholster shops; Automobile tops and body repair shops; Self-employed.
MORE INFORMATION: Local Job Service Office. SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- stooping, kneeling, crouching, or crawling.
- standing for a long time.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.
- seeing differences in color.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of [illegible] you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 780.381-018 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Investigative - includes scientific and some technical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- working with machines, process or techniques.
- working on or producing things.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Reupholster and Furniture Repair
- Automobile Repair Shops

## SIMILAR OCCUPATIONS

- Furniture Upholsterer;
- Upholstery Repairer;
- Inside Upholsterer;
- Automobile Upholsterer;
- Slipcover Cutter

## PROGRAMS OF STUDY

- Custom Slipcovering & Upholstering;
- Home Furnishings, & Equip. Mgmt., Production, & Services
- Upholstering;
- Home Decorating

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 4,063 (in 1993)
  : 4,594 (in 1998)

Average annual number of openings from 1993 to 1998: 350
This trend indicates a 13% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **URBAN AND REGIONAL PLANNER**
SOC No. 1920100
DOT No. 199.167-014
GOE Interest Area: 11.03 Social Research

## DESCRIPTION

Develops programs to provide for the future growth and development of city, suburban, and rural communities. Studies the long range needs of a community for housing, transportation, and business sites and then proposes strategies.
RELATED EDUCATION PROGRAMS: City, Community, and Regional Planning; Urban Planning Technology, Urban Studies. Certification Available.
EMPLOYERS: Most are local governments and state governments; Consulting firms.
MORE INFORMATION: American Planning Association; 1776 Massachusetts Ave, NW; Washington, D.C. 20036

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- sedentary - might lift or move up to 10 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 199.167-014 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Social - includes teaching and social welfare occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 1 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- business contact with people.
- directing or organizing, or activities resulting in recognition.
- studying people or communicating ideas.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- taking responsibility.
- many changing duties.
- decisions based on personal judgment.
- dealing with people.
- decisions based on facts.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Elementary and Secondary Schools
- Public Finance, Taxation and Monetary Policy
- Justice, Public Order and Safety

## SIMILAR OCCUPATIONS

- Parking Analyst;
- Traffic Technician;
- Regional Development Program Manager;
- City Manager;
- City Planning Aide;
- Planner, Program Services

## PROGRAMS OF STUDY

- Land Use Management and Reclamation
- Urban Studies
- City, Community, and Regional Planning
- Urban Planning Technology
- Urban Design

## EDUCATION LEVEL

- 5 or more years University.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 2,501 (in 1993)
  : 2,800 (in 1998)

Average annual number of openings from 1993 to 1998: 84
This trend indicates a 12% change.

VIEW No. 408

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **USHER OR LOBBY ATTENDANT**
SOC No. 5256100
DOT No. 344.677-014
GOE Interest Area: 09.05 Attendant Services

### DESCRIPTION

Assists patrons at entertainment events. Takes tickets from patrons and gives out programs. May escort people to their seats, assist in finding lost articles, telephones, or restrooms. May be responsible for turning away people who do not have tickets. Works during sports events, movies, and other entertainment events.
RELATED EDUCATION PROGRAMS: On-the-job training
EMPLOYERS: Motion Picture theaters; Concert halls; Commercial sports events.

### THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

### LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
• inside. • irregular hours.

### PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

### PRIMARY PHYSICAL ACTIVITIES

- standing for a long time.
- reaching, handling, fingering, or feeling.
- speaking.
- seeing.
- hearing.

### WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 344.677-014 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(7) Handling: Moving or carrying things.

### HOLLAND TYPES

Enterprising - includes managerial and sales occupations.
Conventional - includes office and clerical occupations.
Social - includes teaching and social welfare occupations.

### APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

### INTERESTS

INTERESTS - You would like:

- working with things, numbers or objects.
- business contact with people.
- detailed, organized work following set sequence.

### TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- dealing with people.
- decisions based on facts.

### THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Motion Picture Theaters
- Miscellaneous Amusement and Recreation Services
- Commercial Sports

### SIMILAR OCCUPATIONS

- Press Box Custodian;
- Children's Attendant;
- Ticket Taker;
- Drive-In Theater Attendant

### PROGRAMS OF STUDY

- information not available at this time

### EDUCATION LEVEL

- 8 to 11 years education.

### AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

### FUTURE OUTLOOK

- Projected number of employees: 3,093 (in 1993)
  : 3,436 (in 1998)

Average annual number of openings from 1993 to 1998: 181
This trend indicates a 11% change.

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **VEHICLE WASHER OR EQUIPMENT CLEANER**
SOC No. 8750100
DOT No. 599.684-010
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION

Cleans machinery and equipment. Some clean such items as storage tanks and filter screens. Others clean equipment ranging from vehicles and plant machinery to ovens and pipelines. Water, cleaning agents, brushes, cloths, and hoses are used.

RELATED EDUCATION PROGRAMS: On-the-job training.

EMPLOYERS: Car and truck dealers; Car washes; Transportation equipment manufacturers.

MORE INFORMATION: Local Office of the State Job Service.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- dust, fumes, odors, poor ventilation.
- risk of injury.
- damp or wet.
- noise and vibrations.

## LOCATION AND HOURS OF WORK

Most of this work tends to be: and will probably involve:
- inside.
- rotating shift work.

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- lifting.
- stooping, kneeling, crouching, or crawling.
- climbing or balancing.
- carrying.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 599.684-010 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(4) Manipulating: Moving, guiding, placing, or working things using your body or tools. Selecting tools, objects, or materials.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 4 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 5 P. Form Perception
Aptitude 06: 5 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Automotive Services, Except Repair
- Motor Vehicle Dealers (New and Used)
- Automotive Rental and Leasing, Without Drivers

## SIMILAR OCCUPATIONS

- Carwash Attendant, Automatic;
- Kiln Cleaner;
- Filter Cleaner;
- Furnace Cleaner

## PROGRAMS OF STUDY

- information not available at this time

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 12,358 (in 1993)
  : 14,195 (in 1998)

Average annual number of openings from 1993 to 1998: 629
This trend indicates a 15% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **VETERINARIAN**
SOC No. 2700100
DOT No. 073.101-010
GOE Interest Area: 02.03 Medical Sciences

## DESCRIPTION
Studies, diagnoses, treats and helps to control diseases and injuries among animals. Helps prevent the outbreak and spread of animal disease. Operates on sick or injured animals and gives medicines, drugs, and vaccines.
RELATED EDUCATION PROGRAMS: Veterinary medicine. License required.
EMPLOYERS: Self-employed; Federal Government; Livestock farms; Research laboratories; Military services.
MORE INFORMATION: American Veterinary Medical Association, 930 N Meacham Rd, Schaumburg, Il 60196. Military Recruiting Office.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • irregular hours. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 073.101-010 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(0) Mentoring: Helping people deal with problems. May give legal, scientific, clinical, spiritual, or other professional advice.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES
Investigative - includes scientific and some technical occupations.
Social - includes teaching and social welfare occupations.
Realistic - includes skilled trades, technical and service occupations.

**APTITUDES -** The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 1 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 1 N. Numerical Aptitude
Aptitude 04: 1 S. Spatial Perception
Aptitude 05: 1 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 1 F. Finger Dexterity
Aptitude 09: 1 M. Manual Dexterity

## INTERESTS - You would like:
- business contact with people.
- scientific or technical work.
- studying people or communicating ideas.
- working to improve social conditions.

## TEMPERAMENTS - You would like work with:
- many changing duties.
- dealing with people.
- decisions based on personal judgment.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Justice, Public Order and Safety
- Self-employed
- Agricultural Services

## SIMILAR OCCUPATIONS
- Zoo Veterinarian;
- Veterinary Bacteriologist;
- Veterinary Anatomist;
- Veterinary Epidemiologist;
- Veterinarian/Off (Mil);
- Veterinary Livestock Inspector

## PROGRAMS OF STUDY
- Pre-Veterinary
- Veterinary Medicine

## EDUCATION LEVEL
- 5 or more years University.

## AVERAGE BEGINNING WAGE
- $27,000 to $32,999 per year (up to $16.83 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 2,361 (in 1993)
  : 2,680 (in 1998)

Average annual number of openings from 1993 to 1998: 170
This trend indicates a 14% change.

# FLORIDA VIEW

Vital Information for Education and Work

Title: **WAITER OR WAITRESS**
SOC No. 5213100
DOT No. 350.677-030
GOE Interest Area: 09.04 Customer Services

## DESCRIPTION

Takes food and drink orders from customers seated at tables. Serves the food and drinks to customers, makes out checks, and sometimes takes payments. May remove dirty dishes and set tables with linen and silverware.
RELATED EDUCATION PROGRAMS: Waiter/Waitress and Related Services. On-the-job training.
EMPLOYERS: Eating and drinking places; Hotels.
MORE INFORMATION: The Educational Foundation of the National Restaurant Association; 20 North Wacker Dr; Suite 2620; Chicago, IL 60606

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • rotating shift work. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- carrying.
- standing for a long time.
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- walking.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 350.677-030 indicates the following on data, people, and things.

(6) Comparing: Deciding if data, people, or things are alike or different. Using rules to decide how different they are.

(7) Serving: Helping people or animals. Carrying out their wants or wishes right away.

(7) Handling: Moving or carrying things.

## HOLLAND TYPES

Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 4 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:

- business contact with people.
- studying people or communicating ideas.
- detailed, organized work following set sequence.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- many changing duties.
- dealing with people.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Eating and Drinking Places
- Miscellaneous Amusement and Recreation Services
- Hotels and Motels

## SIMILAR OCCUPATIONS

- Wine Steward/Stewardess;
- Mess Attendant;
- Waiter/Waitress, Informal;
- Waiter/Waitress, Formal;
- Waiter/Waitress, Dining Car;
- Waiter/Waitress, Bar

## PROGRAMS OF STUDY

- Waiter/Waitress and Related Services
- Hospitality & Recreation Marketing, General

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $9,000 to $12,999 per year (up to $6.32 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 125,822 (in 1993)
  : 146,244 (in 1998)

Average annual number of openings from 1993 to 1998: 6,982
This trend indicates a 16% change.

VIEW No. 412

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **WATCH MAKER OR REPAIRER**
SOC No. 6171500
DOT No. 715.281-010
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Repairs, cleans, and adjusts watches, clocks, and other time keeping machines. Removes the mechanism from the case and examines it for worn parts. Fixes or replaces parts. Adjusts and balances the mechanism.
RELATED EDUCATION PROGRAMS: Watch Repair.
EMPLOYERS: Jewelry stores; Watch repair shops; Self-employed.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- normal working conditions.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 715.281-010 indicates the following on data, people, and things.

(2) Analyzing: Studying information to find out what it means. Deciding what could be done to solve a problem.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 2 S. Spatial Perception
Aptitude 05: 2 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 2 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-Employed
- Watch, Clock, and Jewelry Repair
- Miscellaneous Shopping Goods Stores

## SIMILAR OCCUPATIONS

- Instructor, Watch Assembly;
- Watch Assembler;
- Chronometer Assembler and Adjuster;
- Timing Adjustor;
- Auto Clocks Repairer;
- Clock Assembler

## PROGRAMS OF STUDY

- Watch Repair

## EDUCATION LEVEL

- 1 to 2 years Comm. Coll., or Vocational/Tech. School.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

| | |
|---|---|
| • Projected number of employees: | 713 (in 1993) |
| : | 810 (in 1998) |

Average annual number of openings from 1993 to 1998: 84
This trend indicates a 14% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **WATER AND SEWAGE TREATMENT PLANT OPERATOR**
SOC No. 6910100
DOT No. 954.382-014
GOE Interest Area: 05.06 Systems Operation

## DESCRIPTION
Operates equipment to remove harmful waste from water or other liquids. Operates pumps, pipes, and valves at a treatment facility. Reads and interprets meters and gauges to maintain chlorine or other chemicals. May maintain equipment.

RELATED EDUCATION PROGRAMS: Sanitation Technology; Water and Wastewater Technology; Military services.

EMPLOYERS: Most are local governments; Military services.

MORE INFORMATION: Water Pollution Control Federation, 2626 Pennsylvania Ave NW, Washington, D.C. 20097. Military Recruiting Office. SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- noise and vibrations.
- dust, fumes, odors, poor ventilation.
- risk of injury.
- damp or wet.

## LOCATION AND HOURS OF WORK
| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • rotating shift work. |

## PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

## PRIMARY PHYSICAL ACTIVITIES
- reaching, handling, fingering, or feeling.
- speaking.
- hearing.
- seeing.

## WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 954.382-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(2) Operating-Controlling: Starting, stopping, and watching machines or equipment to be sure they are doing the right thing. Watching gages or dials, and changing valves or controls as needed.

## HOLLAND TYPES
Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES
APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 3 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

## INTERESTS
INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

## TEMPERAMENTS
TEMPERAMENTS - You would like work with:
- many changing duties.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Sanitary Services
- Water Supply
- Public Finance, Taxation and Monetary Policy

## SIMILAR OCCUPATIONS
- Supervisor, Water Treatment Plant;
- Instructor, Wastewater Treatment Plant;
- Stationary Engineer;
- Pump Station Operator, Waterworks

## PROGRAMS OF STUDY
- Water & Wastewater Technology
- Sanitation Technology

## EDUCATION LEVEL
- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE
- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK
- Projected number of employees: 4,313 (in 1993)
  : 4,852 (in 1998)

Average annual number of openings from 1993 to 1998: 265
This trend indicates a 12% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **WELDER OR CUTTER**
SOC No. 7714000
DOT No. 819.361-010
GOE Interest Area: 05.05 Craft Technology

## DESCRIPTION

Uses hand-held welding equipment and torches to join or cut metal or plastics. May fuse together plastic sheets, weld metal parts, or trim metal from objects. Follows blueprints and work orders. Selects proper torch tips.
RELATED EDUCATION PROGRAMS: Welding Technology; Welding, Brazing and Soldering Military services.
EMPLOYERS: Manufacturers of fabricated metal, non-electrical machinery, transportation equipment; Military services.
MORE INFORMATION: The American Welding Society, 550 NW Lejeune Rd., Miami, FL 33126. Military Recruiting Office. SPECIAL NOTE** Apprenticeship training available.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):
- dust, fumes, odors, poor ventilation.
- noise and vibrations.
- risk of injury.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • both inside and outside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:
- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 819.361-010 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(6) Speaking-Signaling: Talking or making motions so people can understand you and getting an answer from them. Telling people what to do in a way they understand.

(1) Precision Working: Being responsible for making things that fit exact rules or standards. Deciding which tools or materials to use to make them correctly.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Enterprising - includes managerial and sales occupations.
Investigative - includes scientific and some technical occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 3 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 3 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:
- working with things, numbers or objects.
- detailed, organized work following set sequence.
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:
- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Self-employed
- Heavy Construction, Ex. Highways and Streets
- Ship and Boat Building and Repairing

## SIMILAR OCCUPATIONS

- Arc Cutter;
- Lead Burner;
- Combination Welder;
- Arc Welder;
- Welder/Enl (Mil);
- Welder, Gas

## PROGRAMS OF STUDY

- Welding Technology
- Welding
- Precision Metal Work, Other

## EDUCATION LEVEL

- HS Graduation or 1 to 2 years Comm. Coll. or Voc/Tech.

## AVERAGE BEGINNING WAGE

- $17,000 to $21,999 per year (up to $11.22 per hour).

## FUTURE OUTLOOK

- Projected number of employees: 13,608 (in 1993)
  : 15,247 (in 1998)

Average annual number of openings from 1993 to 1998: 637
This trend indicates a 12% change.

FLORIDA
# VIEW
Vital Information for Education and Work

Title: **WHOLESALE AND RETAIL BUYER**
SOC No. 1442100
DOT No. 162.157-018
GOE Interest Area: 08.01 Sales Technology

DESCRIPTION
Buys goods for resale in wholesale and retail stores. Attends fashion and trade shows and visits showrooms to select merchandise. Also arranges for goods to be shipped and approves payments for orders received.
RELATED EDUCATION PROGRAMS: Fashion/Fabric Coordination; Purchasing.
EMPLOYERS: Wholesale businesses employ 40%. Remainder are employed by the retail trade with the largest being general merchandise stores, food stores, and apparel and accessory stores.
MORE INFORMATION: National Retail Merchants Association; 100 West 31st St; New York, NY 10001.

THE ENVIRONMENT - WHAT IT'S LIKE
The working condition(s) of this occupation include(s):
- normal working conditions.

LOCATION AND HOURS OF WORK
Most of this work tends to be: and will probably involve:
- inside.
- overtime work.

PHYSICAL DEMANDS
The physical demands for this occupation are:
- light - might lift or move 10 to 25 pounds.

PRIMARY PHYSICAL ACTIVITIES
- speaking.
- hearing.
- seeing.

WILL I FIT IN?
The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 162.157-018 indicates the following on data, people, and things.

(1) Coordinating: Organizing things, Planning projects. Deciding in which order things must be done. Checking to be sure the steps are done on time and correctly.

(5) Persuading: Winning others over to a product, service, or point of view.

(7) Handling: Moving or carrying things.

HOLLAND TYPES
Enterprising - includes managerial and sales occupations.
Social - includes teaching and social welfare occupations.
Artistic - includes artistic, musical, and some writing occupations.

APTITUDES - The following aptitudes are associated with this occupation (1=high, 5=low):
Aptitude 01: 2 G. General Learning Ability
Aptitude 02: 2 V. Verbal Aptitude
Aptitude 03: 2 N. Numerical Aptitude
Aptitude 04: 4 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 3 Q. Clerical Perception
Aptitude 07: 4 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 4 M. Manual Dexterity

INTERESTS - You would like:
- business contact with people.
- studying people or communicating ideas.
- directing or organizing, or activities resulting in recognition.

TEMPERAMENTS - You would like work with:
- taking responsibility.
- influencing people.
- dealing with people.
- decisions based on personal judgment.

THIS OCCUPATION IS MOST OFTEN FOUND IN:
- Department Stores
- Grocery Stores
- Self-employed

SIMILAR OCCUPATIONS
- Buyer, Assistant;
- Sales Representative, Wholesale;
- Manager, Insurance Office;
- Wholesale Sales Manager;
- Purchasing Agent, Wholesale or Retail;
- Comparison Shopper

PROGRAMS OF STUDY
- International Marketing
- Purchasing
- Contract Management & Procurement/Purchasing
- Wholesaling

EDUCATION LEVEL
- 3 to 5 years University (Undergraduate Degree).

AVERAGE BEGINNING WAGE
- $13,000 to $16,999 per year (up to $8.67 per hour).

FUTURE OUTLOOK
- Projected number of employees: 10,422 (in 1993)
  : 11,933 (in 1998)

Average annual number of openings from 1993 to 1998: 737
This trend indicates a 14% change.

VIEW No. 416

FLORIDA

# VIEW

Vital Information for Education and Work

Title: **WOODWORKING MACHINE OPERATOR**
SOC No. 7630100
DOT No. 669.380-014
GOE Interest Area: 06.04 Elemental Work: Industrial

## DESCRIPTION

Operates woodworking machines such as routers, planers, and sanders. May control wood as it is shaped into furniture. May use machines that plane or trim lumber or sand wood. Adjusts machines. Runs wood through the process; checks work.

RELATED EDUCATION PROGRAMS: Millwork and Cabinet Making. On-the-job training.

EMPLOYERS: Furniture manufacturers; Sawmills; Millwork shops; Manufacturers of wood products.

MORE INFORMATION: International Woodworkers of America, US Research and Education Department; 25 Cornell Avenue; Gladstone, OR 97027.

## THE ENVIRONMENT - WHAT IT'S LIKE

The working condition(s) of this occupation include(s):

- noise and vibrations.
- risk of injury.
- dust, fumes, odors, poor ventilation.

## LOCATION AND HOURS OF WORK

| Most of this work tends to be: | and will probably involve: |
|---|---|
| • inside. | • no unusual travel or irregular hours. |

## PHYSICAL DEMANDS

The physical demands for this occupation are:

- medium - might lift or move 25 to 50 pounds.

## PRIMARY PHYSICAL ACTIVITIES

- stooping, kneeling, crouching, or crawling.
- carrying.
- standing for a long time.
- lifting.
- reaching, handling, fingering, or feeling.
- seeing.

## WILL I FIT IN?

The middle three digits of the Dictionary of Occupational Titles (DOT) number indicate the level of skill you would need on this job to relate to data, people, and things. The lower the middle three numbers, the higher the level of skill required. According to the DOT, this occupation, DOT number 669.380-014 indicates the following on data, people, and things.

(3) Compiling: Collecting, arranging or combining facts about data, people, or things and compiling the results.

(8) Taking Instructions-Helping: Doing what you are told. Following orders without deciding if they are right or wrong.

(0) Setting Up: Changing parts on machines so they can do different tasks. Fixing them if they break down. Knowing how to operate several different machines.

## HOLLAND TYPES

Realistic - includes skilled trades, technical and service occupations.
Conventional - includes office and clerical occupations.
Enterprising - includes managerial and sales occupations.

## APTITUDES

APTITUDES - The following aptitudes are associated with this occupation (1 = high, 5 = low):

Aptitude 01: 3 G. General Learning Ability
Aptitude 02: 4 V. Verbal Aptitude
Aptitude 03: 4 N. Numerical Aptitude
Aptitude 04: 3 S. Spatial Perception
Aptitude 05: 3 P. Form Perception
Aptitude 06: 4 Q. Clerical Perception
Aptitude 07: 3 K. Eye-Hand Coordination
Aptitude 08: 4 F. Finger Dexterity
Aptitude 09: 3 M. Manual Dexterity

INTERESTS - You would like:

- working with things, numbers or objects.
- detailed, organized work following set sequence
- working with machines, process or techniques.

TEMPERAMENTS - You would like work with:

- repeating set tasks.
- decisions based on facts.
- meeting strict standards.

## THIS OCCUPATION IS MOST OFTEN FOUND IN:

- Household Furniture
- Sawmills and Planing Mills
- Millwork, Plywood, and Structural Wood Millwork

## SIMILAR OCCUPATIONS

- Sawing Machine Setter and Operator;
- Nailing Machine Operator;
- Machine Sander;
- Shaping and Joining Machine Operator;
- Lathe and Turning Machine Operator

## PROGRAMS OF STUDY

- Woodworking, General
- Millwork & Cabinet Making
- Furniture Making

## EDUCATION LEVEL

- 8 to 11 years education.

## AVERAGE BEGINNING WAGE

- $13,000 to $16,999 per year (up to $8.67 per hour).

## FUTURE OUTLOOK

| | | |
|---|---|---|
| • Projected number of employees: | 456 (in 1993) |
| | : | 494 (in 1998) |

Average annual number of openings from 1993 to 1998: 20
This trend indicates a 8% change.

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